```
PUSH_ENABLED();
t = 0;
EVAL_ENABLED(t = parallel_expr);
  enabled = t;
  any = WAIT_GATHER(all_processors, enabled);
  if ((any & flag_vector_mask) == 0) goto Else;
  EVAL_ENABLED(stat_a); Else:
  enabled = TOP_OF_ENABLED_STACK();
  enabled &= ~t;
  any = WAIT_GATHER(all_processors, enabled);
  if ((any & flag_vector_mask) == 0) goto Exit;
  EVAL_ENABLED(stat_b); Exit:
  enabled = POP_ENABLED();
```

Listing 7: Unstructured SIMD parallel `if-else`