

Summary of the Test with 8000 Edge Limit:

1. Cached Benchmarking: Using "lkb_8k_cache_result.txt" and "ale_8k_result.txt" that was produced by LKB and ALE:

Initially there was 2354 test stat items in each set:

-----LKB-----

Total Number of items = 2354

Total Number of Parses = **71511**

Total Edge Limit Exceeded = **523**

-----ALE-----

Total Number of items = 2354

Total Number of Parses = **45293**

Total Insufficient memory / edge Limit exceeded incident = **624**

As shown above there was a mismatch in the produced number of parses (in red). The mismatch was mainly due to the memory problem/edge-limit overflow in ALE and LKB, after excluding such reported statistics by ALE or LKB from the set, there was also a minor mismatch caused by:

@1468 ALE : well actually tuesday through thursday i am out at the ophthalmologist meeting in new york

@1468 LKB : well actually Tuesday through Thursday I am out at the ophthalmologist meeting in New York

@1515 ALE : okay because i do have a doctor_s appointment on monday but i can easily cancel that

@1515 LKB : okay because I do have a doctor's appointment on Monday but I can easily cancel that

Which seems to be MWE/morphology problem, we were left out with 1727 comparable items:

-----LKB-----

Total Number of items = 1727
Total Number of Parses = **44287**
Total Parse Time = **2485483** (msec)
Total Edge Limit Exceeded = 0

-----ALE-----

Total Number of items = 1727
Total Number of Parses = **44287**
Total Parse Time = **1519640** (msec)
Total Insufficient memory / Edge Limit exceeded incident = 0

2. Non-Cached Benchmarking: Using "lkb_8k_no_cache_result.txt" and "ale_8k_result.txt" test results that was produced by LKB and ALE:

Comparable items were also excluded as explained above (excluded exactly the same items)

-----LKB-----

Total Number of items = 1576
Total Number of Parses = **31731**
Total Parse Time = **2716890** (msec)
Total Edge Limit Exceeded = 0

-----ALE-----

Total Number of items = 1576
Total Number of Parses = **31731**
Total Parse Time = **1519640** (msec)
Total Insufficient memory / Edge Limit exceeded incident = 0