

Round 3 results — Run mpiid5_run3 submitted from mpiid5

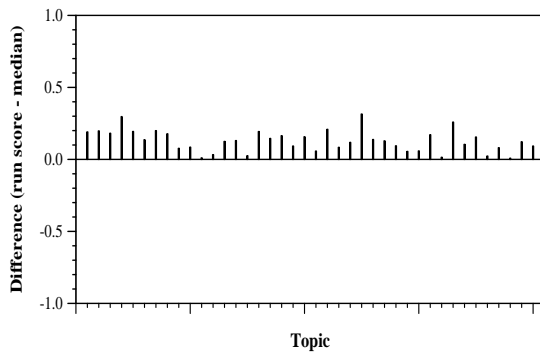
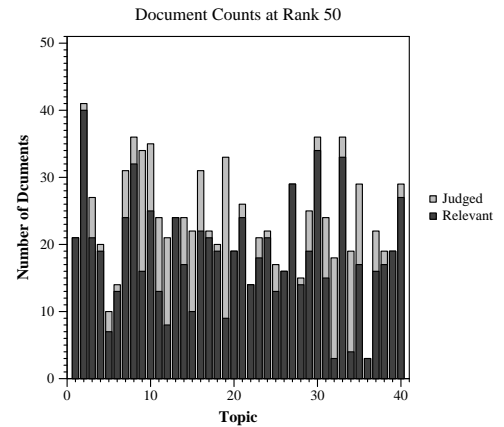
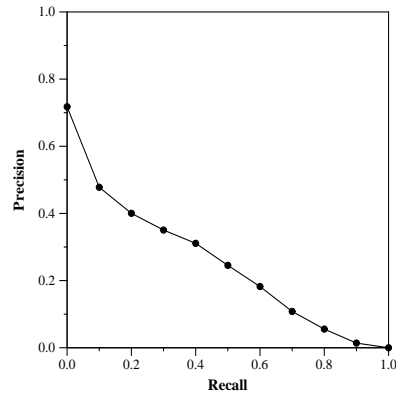
Run Description

We re-rank top-10k documents returned by BM25 using the queries produced by UDel’s method. For the re-ranking method, we use the ELECTRA-Base model fine-tuned on the MSMARCO passage dataset. With a simple attention mechanism, the model is later fine-tuned on the TREC COVID round 1&2 full-text collection. We use the question queries for re-ranking.

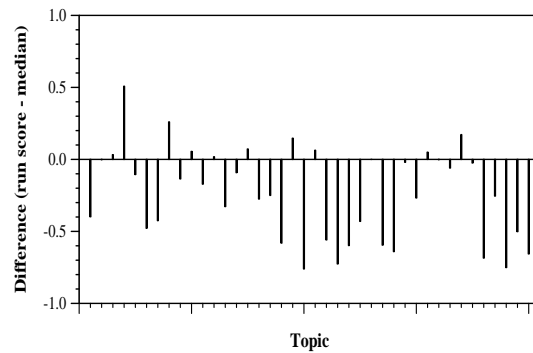
Summary Statistics	
Run ID	mpiid5_run3
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39927
Total relevant	4698
Total relevant retrieved	3335
MAP	0.2317
Mean Bpref	0.5935
Mean NDCG@10	0.3583
Mean RBP(p=0.5)	0.3458 +0.4381

Document Level Averages	
	Precision
At 5 docs	0.4250
At 10 docs	0.4125
At 15 docs	0.4133
At 20 docs	0.3975
At 30 docs	0.3758
R-Precision	
Exact	0.3248

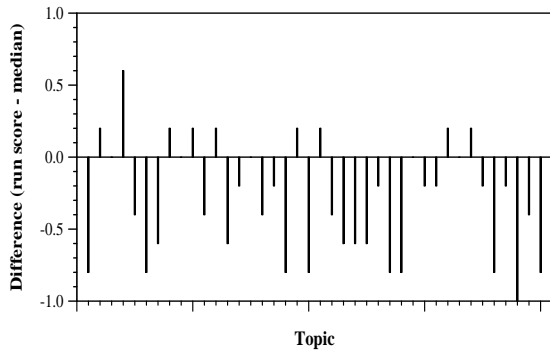


Per-topic difference from median bpref for all Round 3 runs

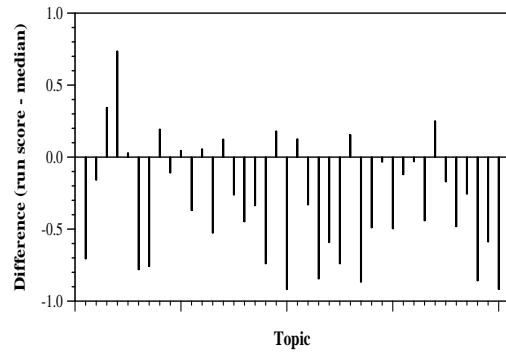


Per-topic difference from median NDCG@10 for all Round 3 runs

Round 3 results — Run mpiid5_run3 submitted from mpiid5



Per-topic difference from median P@5 for all Round 3 runs



Per-topic difference from median RBP(p=0.5) for all Round 3 runs