

Round 3 results — Run factum-sparse submitted from Factum

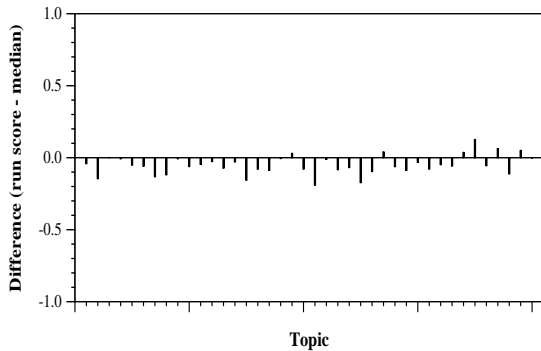
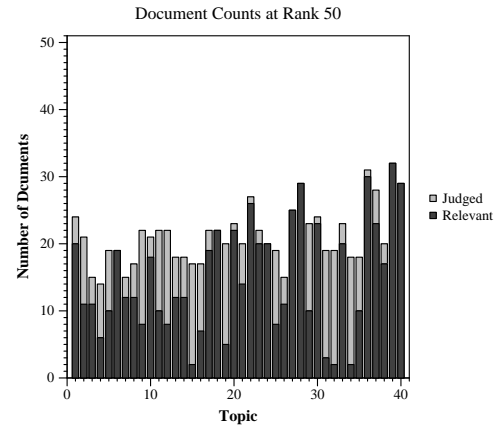
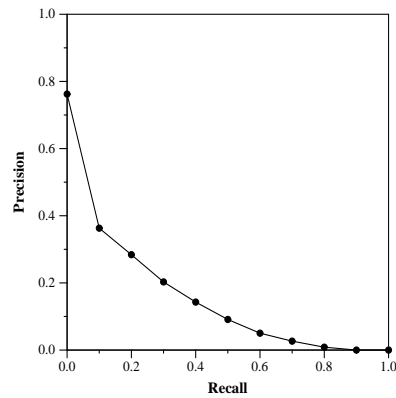
Run Description

Sparse retrieval (BM25) with fusion of ranks from document, abstract and paragraph indexes. We used unigrams, lemmatization and removed stopwords.

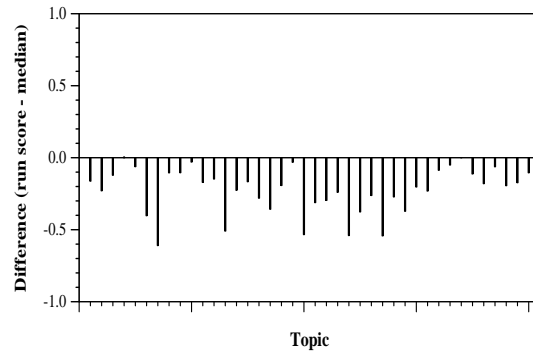
Summary Statistics	
Run ID	factum-sparse
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	35052
Total relevant	4698
Total relevant retrieved	2336
MAP	0.1402
Mean Bpref	0.4154
Mean NDCG@10	0.3672
Mean RBP(p=0.5)	0.4188 +0.4659

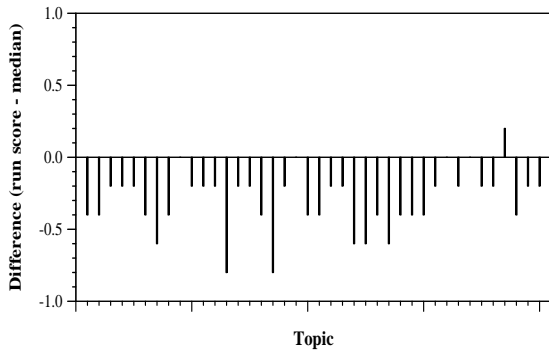
Document Level Averages	
	Precision
At 5 docs	0.4150
At 10 docs	0.3775
At 15 docs	0.3733
At 20 docs	0.3600
At 30 docs	0.3392
R-Precision	
Exact	0.2286



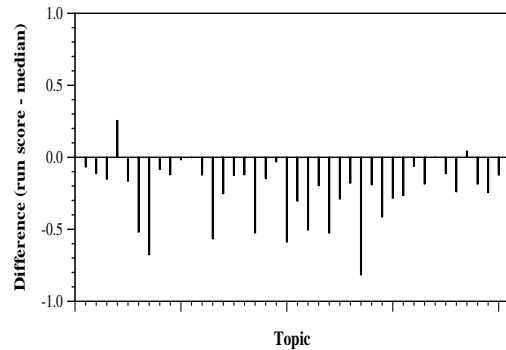
Per-topic difference from median bpref for all Round 3 runs



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



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