

Round 1 results — Run TU_Vienna_TKL_1 submitted from TU_Vienna

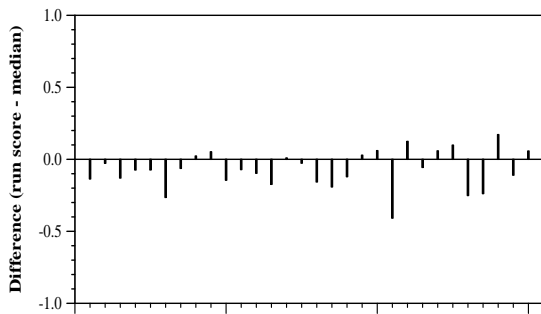
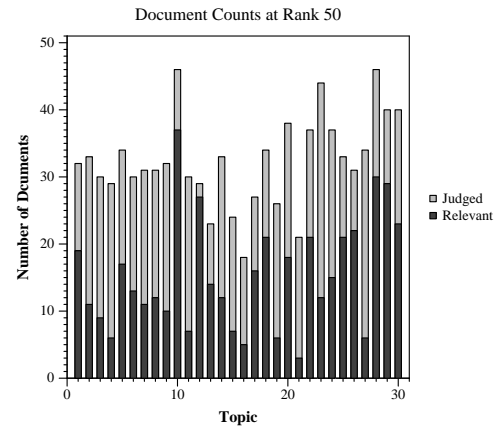
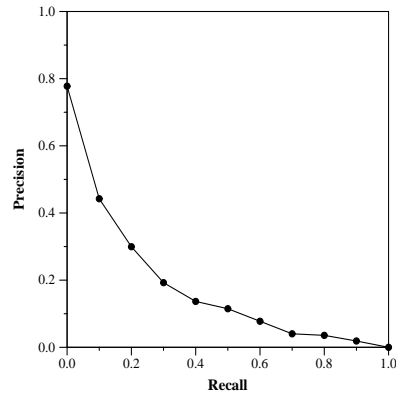
Run Description

re-ranked the top100 of bm25 with TKL (a novel transformer-kernel model for long documents, accepted at sigir20); TKL was trained only on msmarco-document training data from TREC DL 2019 (trec’s annotation have not been used); this version uses glove word embeddings as base

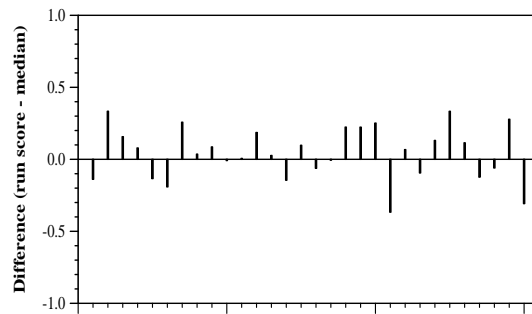
Summary Statistics	
Run ID	TU_Vienna_TKL_1
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	2999
Total relevant	2352
Total relevant retrieved	670
MAP	0.1632
Mean Bpref	0.2545
Mean NDCG@10	0.4002

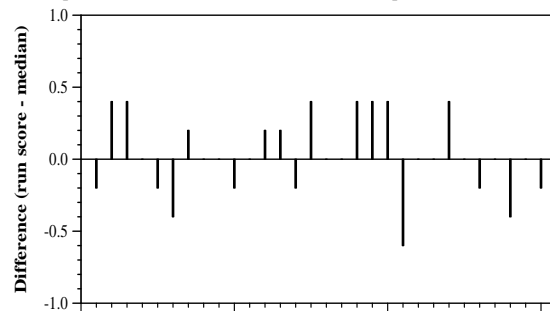
Document Level Averages	
	Precision
At 5 docs	0.5133
At 10 docs	0.4667
At 15 docs	0.4267
At 20 docs	0.3933
At 30 docs	0.3589
R-Precision	
Exact	0.2574



Per-topic difference from median bpref for all Round 1 runs



Per-topic difference from median NDCG@10 for all Round 1 runs



Per-topic difference from median P@5 for all Round 1 runs