

Round 1 results — Run UP-rrf5rnd1 submitted from unique_ptr

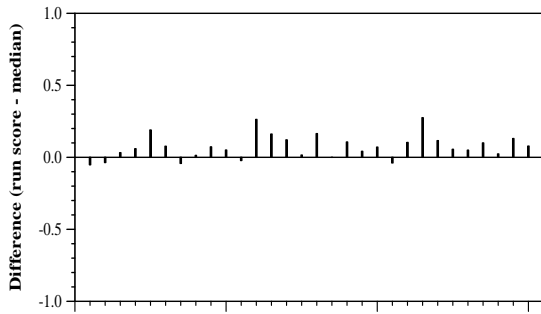
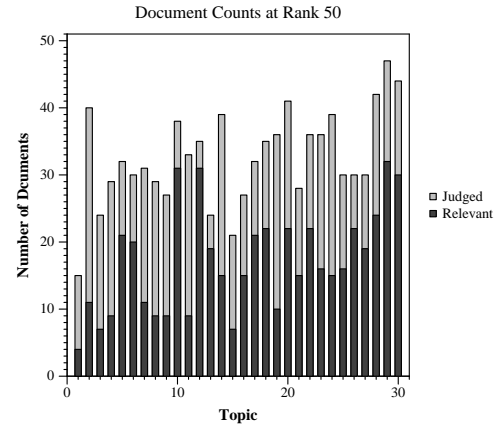
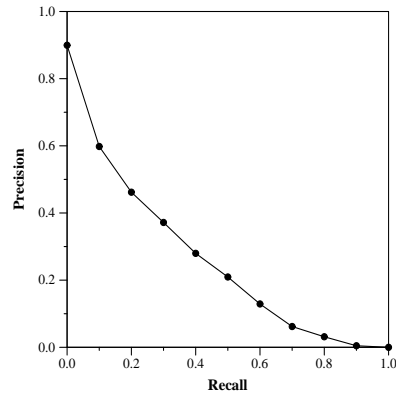
Run Description

An unsupervised reciprocal rank fusion (Cormack et al., 2009) of 5 runs: - bag-of-words queries - sequential dependence queries - bag-of-words questions - sequential dependence questions - a weighted combination of queries and question n-grams extracted using universal sentence encoders (Cer et al., 2018)

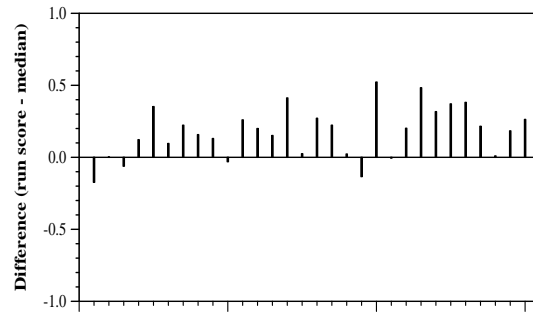
Summary Statistics	
Run ID	UP-rrf5rnd1
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	26118
Total relevant	2352
Total relevant retrieved	1510
MAP	0.2470
Mean Bpref	0.3983
Mean NDCG@10	0.5316

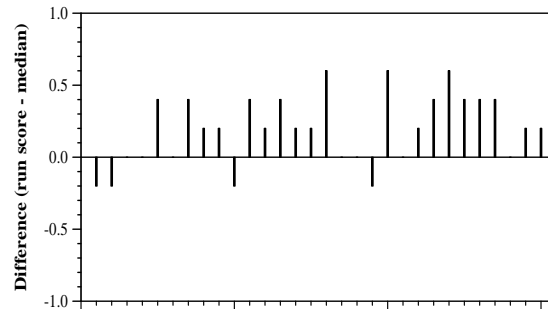
Document Level Averages	
	Precision
At 5 docs	0.6800
At 10 docs	0.5833
At 15 docs	0.5267
At 20 docs	0.4700
At 30 docs	0.4167
R-Precision	
Exact	0.3028



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