

## Round 2 results — Run UPrrf16bert20-r2 submitted from unique\_ptr

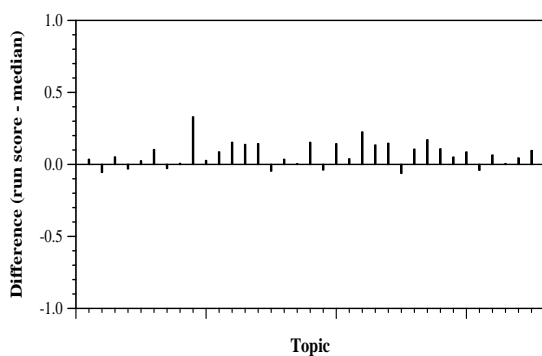
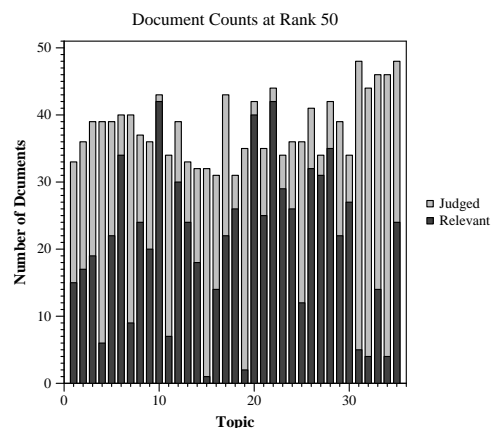
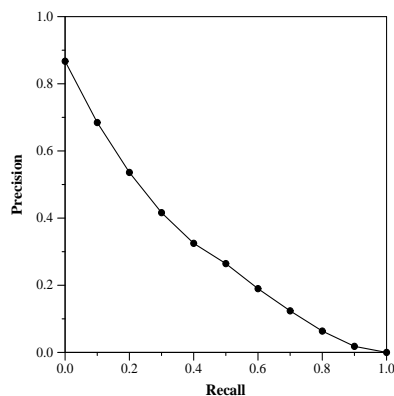
### Run Description

This run is produced by Reciprocal Rank Fusion (Cormack et al., 2009) of 6 Anserini runs (<https://github.com/castorini/anserini>) along with 10 Terrier runs using various combinations of (query, question) and (body, abstract) fields. Top 20 RRF results are then re-ranked using a Reciprocal Rank Fusion of two TF-Ranking BERT models (<https://arxiv.org/abs/2004.08476>) trained on either MS-Marco or its medical queries subset (<https://arxiv.org/abs/2005.02365>).

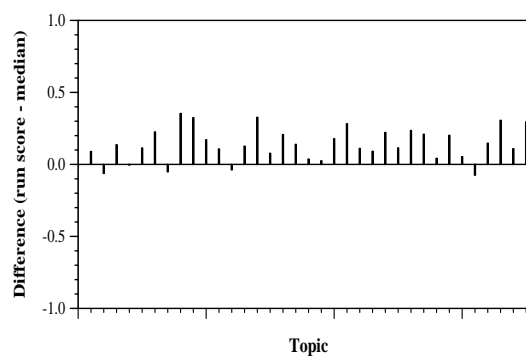
Summary Statistics	
Run ID	UPrrf16bert20-r2
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	35000
Total relevant	3002
Total relevant retrieved	2109
MAP	0.2958
Mean Bpref	0.4391
Mean NDCG@10	0.6099
Mean RBP(p=0.5)	0.6758 +0.0010

Document Level Averages	
	Precision
At 5 docs	0.6743
At 10 docs	0.6457
At 15 docs	0.6267
At 20 docs	0.5743
At 30 docs	0.5133
R-Precision	
Exact	0.3320



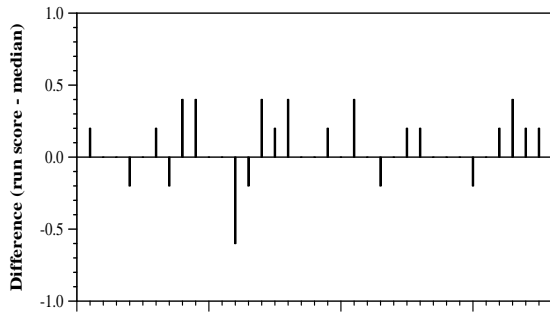
Per-topic difference from median bpref for all Round 2 runs



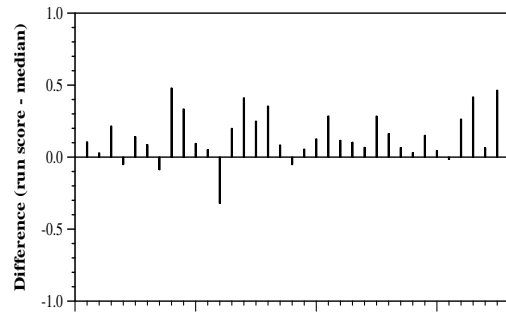
Per-topic difference from median NDCG@10 for all Round 2 runs

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Per-topic difference from median P@5 for all Round 2 runs



Per-topic difference from median RBP(p=0.5) for all Round 2 runs