

Round 3 results — Run UIowaS_Run2 submitted from UIowaS

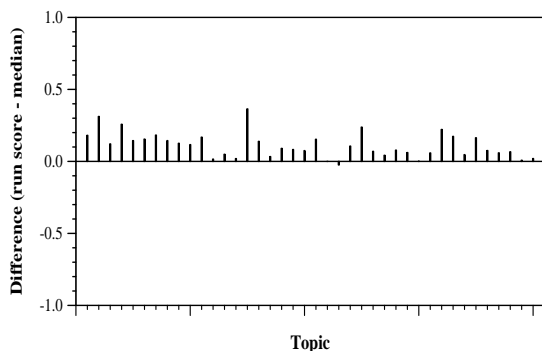
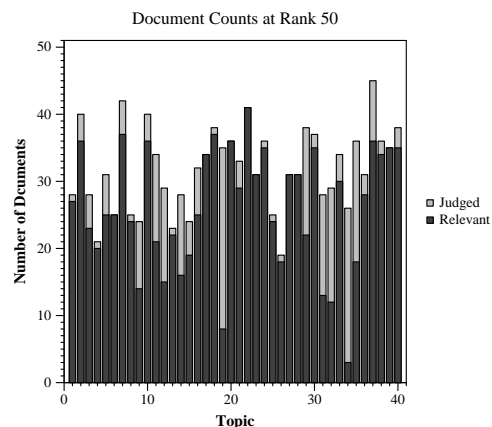
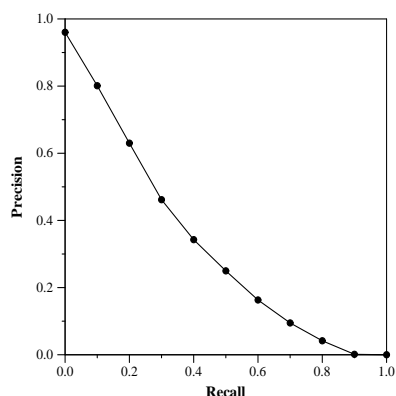
Run Description

For first 35 topics: Relevance feedback with provided relevance judgements using BM25 with 30 docs and 1000 terms for expansion (on unfiltered metadata dataset) limited to title and abstract. For the last 5 topics retrieval feedback using TF_IDF using 10 documents and 20 terms (on filtered metadata dataset) limited to title and abstract. Then reranked retrieved documents for each topic with biobert_msmarco model.

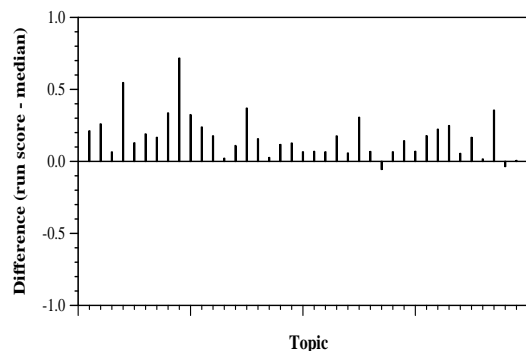
Summary Statistics	
Run ID	UIowaS_Run2
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39906
Total relevant	4698
Total relevant retrieved	3183
MAP	0.3182
Mean Bpref	0.5759
Mean NDCG@10	0.7559
Mean RBP(p=0.5)	0.7955 +0.0432

Document Level Averages	
	Precision
At 5 docs	0.8950
At 10 docs	0.8250
At 15 docs	0.7700
At 20 docs	0.7325
At 30 docs	0.6400
R-Precision	
Exact	0.3563

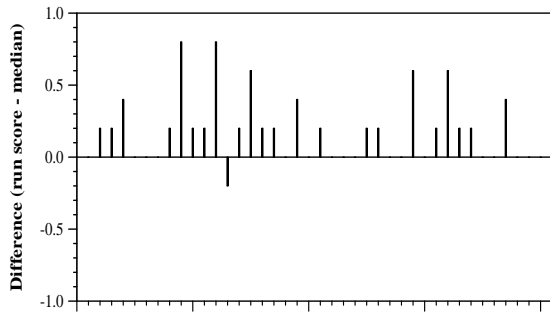


Per-topic difference from median bpref for all Round 3 runs

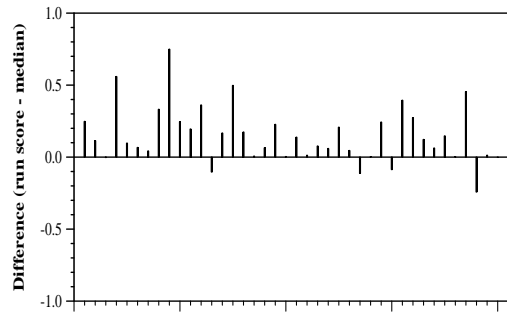


Per-topic difference from median NDCG@10 for all Round 3 runs

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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