Round 3 results — Run Emory_IRLab_rnd3_r2 submitted from Emory_IRLab

Run Description

This run is based on MART reranker that trained on several self-constructed features, which include BM25 matching score that calculated on different fields related to the article (title, abstract, paragraph and anchor text), relevance probability from Scibert that fine tuned on the qrels from rnd1 and 2, as well as date and citation. Same strategy with different duplication removal.

Summary Statistics	
Run ID	Emory_IRLab_rnd3_r2
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39944
Total relevant	4698
Total relevant retrieved	3001
MAP	0.2132
Mean Bpref	0.5444
Mean NDCG@10	0.5867
Mean RBP(p=0.5)	0.6114 +0.0303

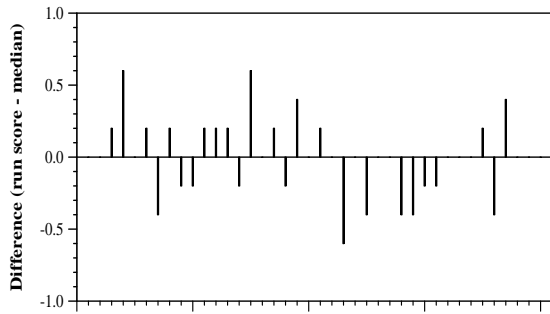| Document Level Averages	
	Precision
At 5 docs	0.7150
At 10 docs	0.6700
At 15 docs	0.5433
At 20 docs	0.4763
At 30 docs	0.4175
R-Precision	
Exact	0.2606

Document Counts at Rank 50
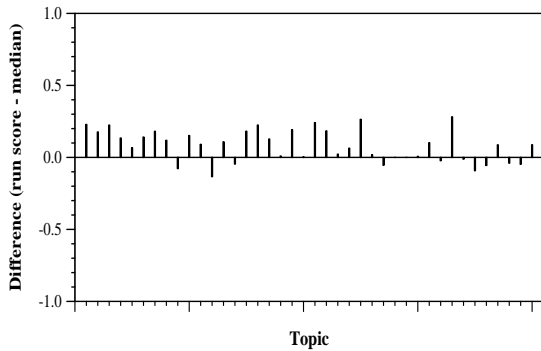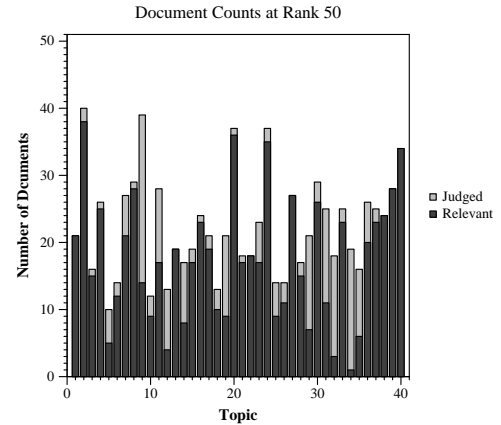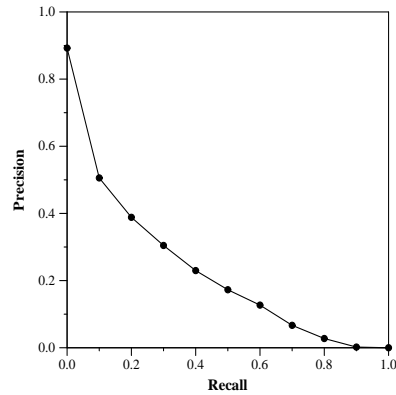
Per-topic difference from median bpref for all Round 3 runs
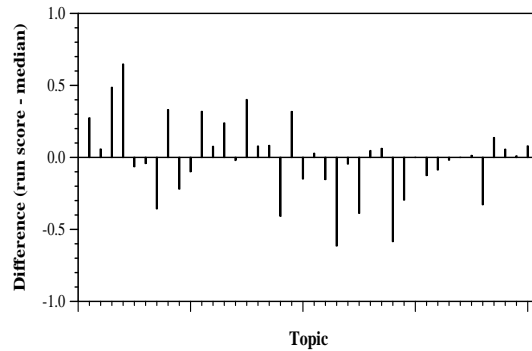
Per-topic difference from median NDCG@10 for all Round 3 runs

Per-topic difference from median P@5 for all Round 3 runs
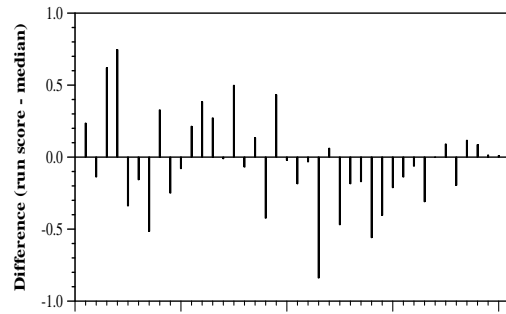
Per-topic difference from median RBP(p=0.5) for all Round 3 runs