Round 4 results — Run BioInfo-run2 submitted from BioinformaticsUA

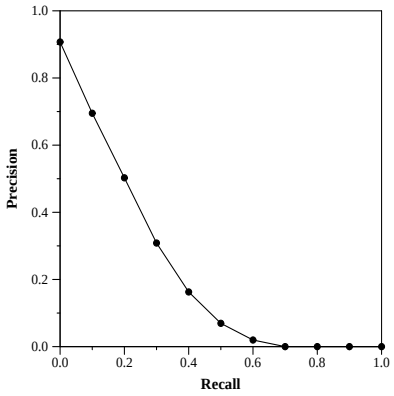
Run Description

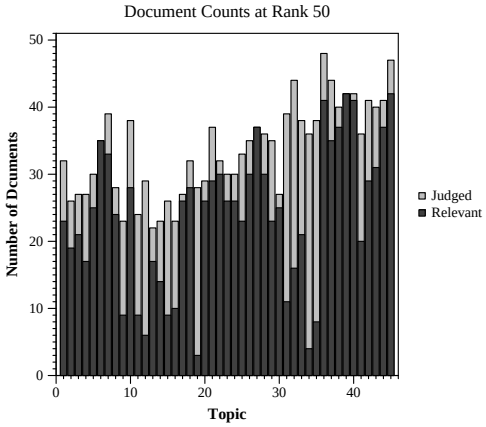
This run uses the open baseline anserini.final-r4.rf.txt and applies a rbf fusion to four runs produced by a neural ranking model [1] over the top 25 documents. REFs: [1] T. Almeida and S. Matos, "Calling Attention to Passages for Biomedical Question Answering," in Advances in Information Retrieval, 2020, pp. 69–77.

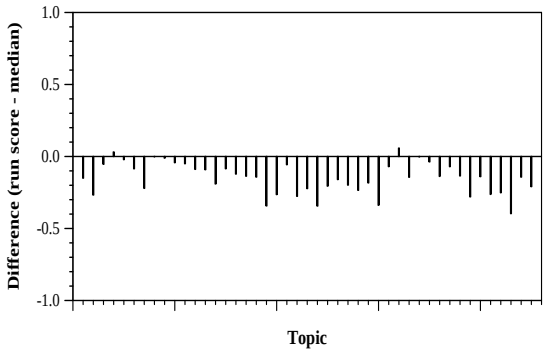
Summary Statistics	
Run ID	BioInfo-run2
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	45
Total number retrieved	30771
Total relevant	5824
Total relevant retrieved	2574
MAP	0.2161
Mean Bpref	0.3665
Mean NDCG@20	0.6191
Mean RBP(p=0.5)	0.7190 +0.0005

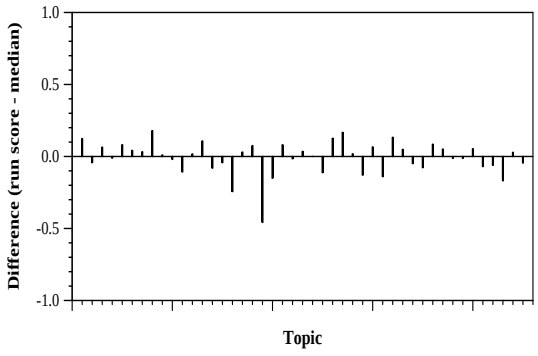
Document Level Averages	
	Precision
At 5 docs	0.8089
At 10 docs	0.7644
At 15 docs	0.7126
At 20 docs	0.6667
At 30 docs	0.5800
R-Precision	
Exact	0.2846



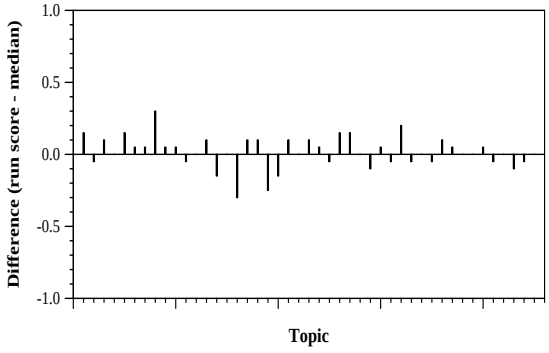




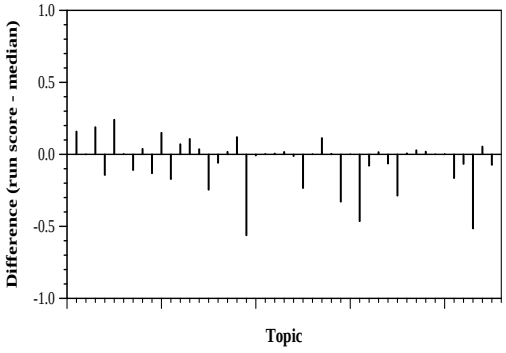
Per-topic difference from median bpref for all Round 4 runs



Per-topic difference from median NDCG@20 for all Round 4 runs



Per-topic difference from median P@20 for all Round 4 runs



Per-topic difference from median RBP(p=0.5) for all Round 4 runs