

Round 5 results — Run BioInfo-run3 submitted from BioinformaticsUA

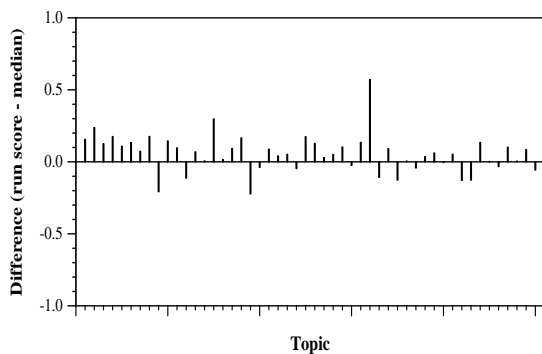
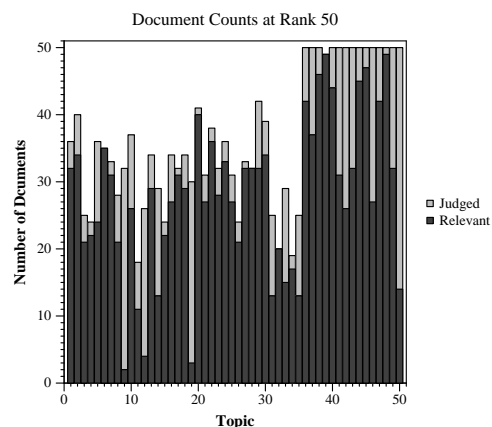
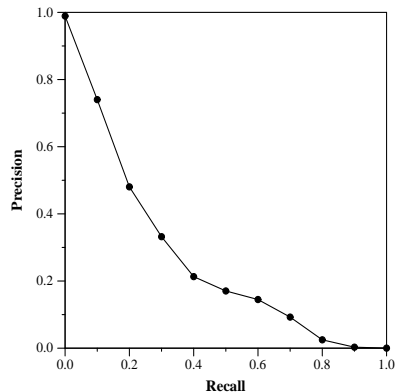
Run Description

This run performs rbf fusion over 8 runs. These runs were obtained by reranking the open baseline "rd5_borda_1000" (from UIowaS team) using the following neural ranking model [1] to rerank the top 10 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.

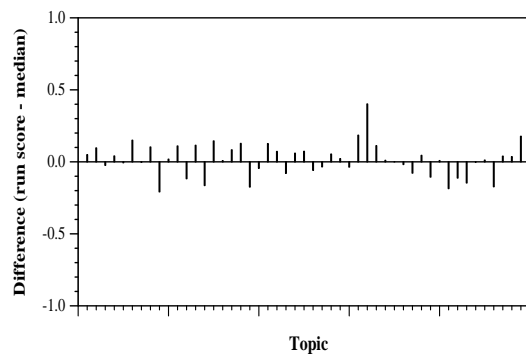
Summary Statistics	
Run ID	BioInfo-run3
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	50
Total number retrieved	49894
Total relevant	10910
Total relevant retrieved	7336
MAP	0.2614
Mean Bpref	0.5205
Mean NDCG@20	0.6879
Mean RBP(p=0.5)	0.8251 +0.0004

Document Level Averages	
	Precision
At 5 docs	0.9000
At 10 docs	0.8340
At 15 docs	0.7853
At 20 docs	0.7260
At 30 docs	0.6433
R-Precision	
Exact	0.2946

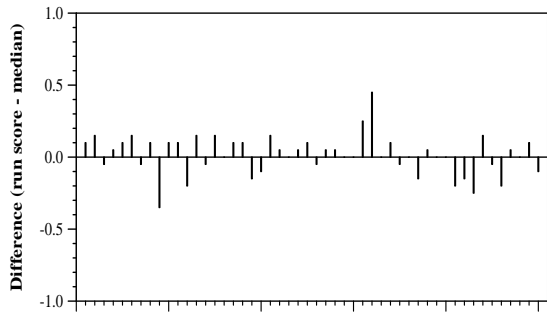


Per-topic difference from median bpref for all Round 4 runs

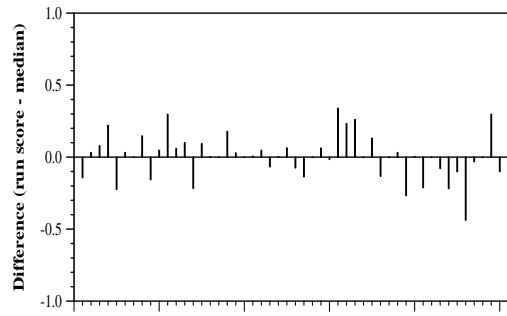


Per-topic difference from median NDCG@20 for all Round 4 runs

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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