

Round 5 results — Run BioInfo-run2 submitted from BioinformaticsUA

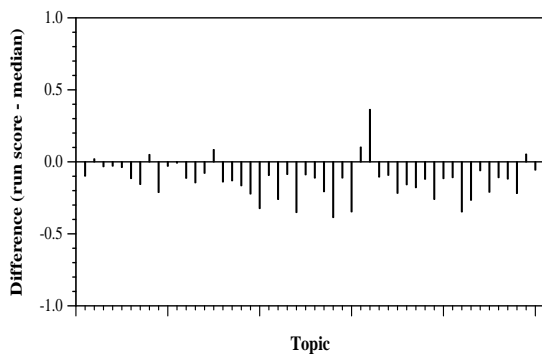
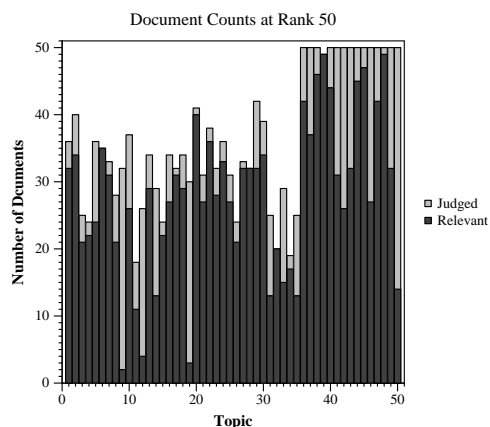
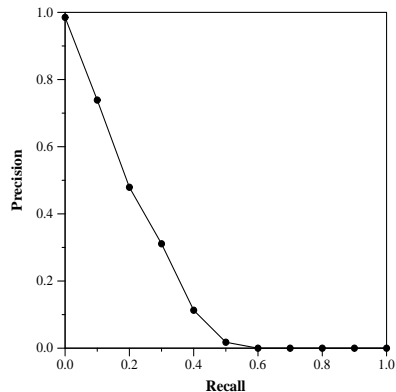
Run Description

This run performs rbf fusion over 6 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 15 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.

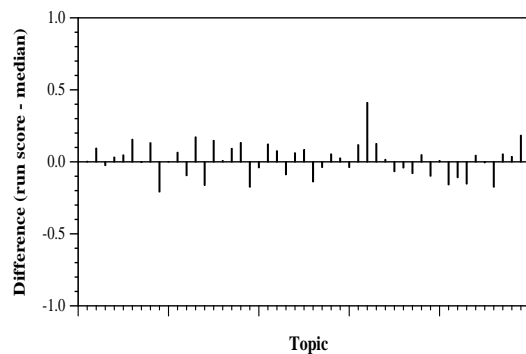
Summary Statistics	
Run ID	BioInfo-run2
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	50
Total number retrieved	30490
Total relevant	10910
Total relevant retrieved	4210
MAP	0.2112
Mean Bpref	0.3429
Mean NDCG@20	0.6869
Mean RBP(p=0.5)	0.8164 +0.0005

Document Level Averages	
	Precision
At 5 docs	0.9000
At 10 docs	0.8520
At 15 docs	0.7853
At 20 docs	0.7260
At 30 docs	0.6433
R-Precision	
Exact	0.2880

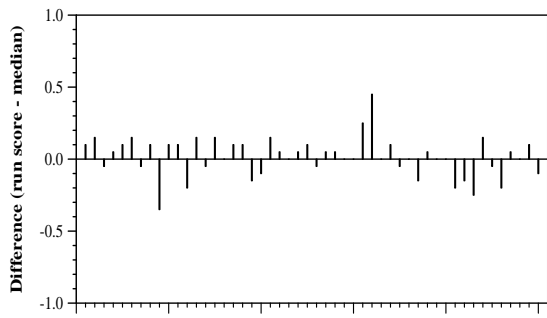


Per-topic difference from median bpref for all Round 4 runs

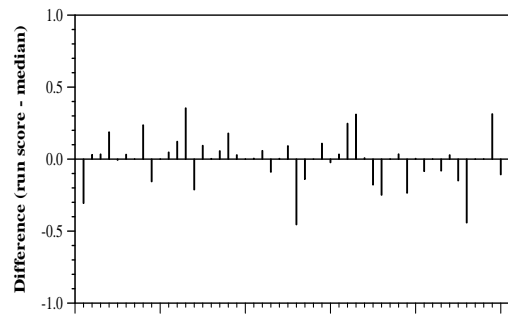


Per-topic difference from median NDCG@20 for all Round 4 runs

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



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