

Round 3 results — Run BioInfo-run2 submitted from BioinformaticsUA

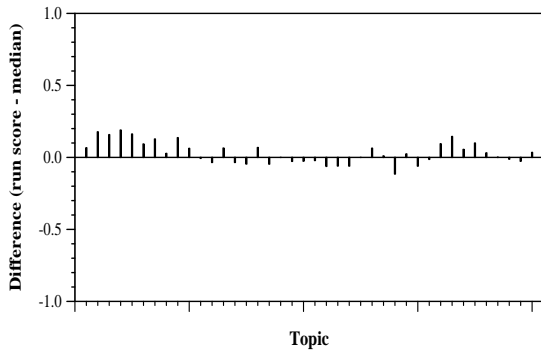
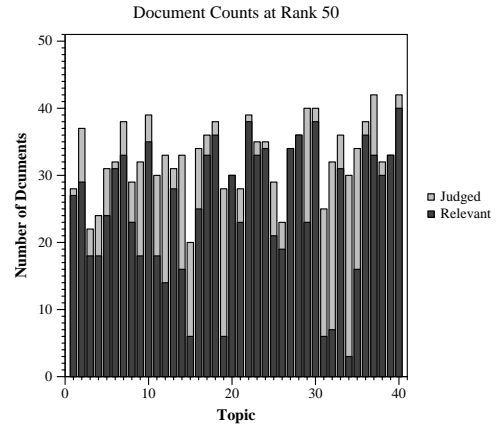
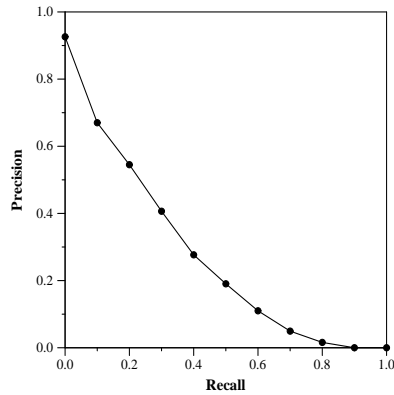
Run Description

This run uses the Anserini relevance feedback baseline [2] and applies a neural ranking model [1] to batches of 50 documents sequentially over the original ranking order. REFs: [1] T. Almeida and S. Matos, "Calling Attention to Passages for Biomedical Question Answering," in Advances in Information Retrieval, 2020, pp. 69–77. [2] <https://github.com/castorini/anserini/blob/master/docs/experiments-covid.md>

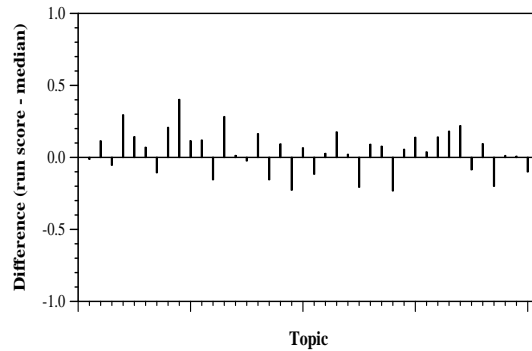
Summary Statistics	
Run ID	BioInfo-run2
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39184
Total relevant	4698
Total relevant retrieved	2823
MAP	0.2625
Mean Bpref	0.4970
Mean NDCG@10	0.6355
Mean RBP(p=0.5)	0.6733 +0.1088

Document Level Averages	
	Precision
At 5 docs	0.7300
At 10 docs	0.7025
At 15 docs	0.6633
At 20 docs	0.6262
At 30 docs	0.5800
R-Precision	
Exact	0.3226

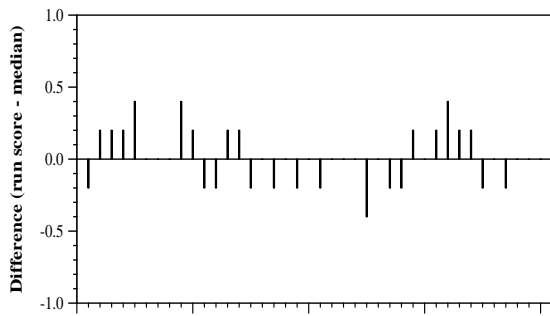


Per-topic difference from median bpref for all Round 3 runs

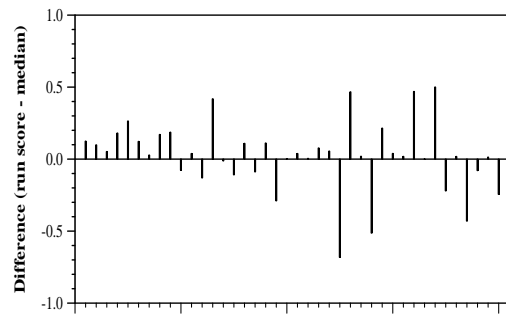


Per-topic difference from median NDCG@10 for all Round 3 runs

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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