

Round 3 results — Run BioInfo-run1 submitted from BioinformaticsUA

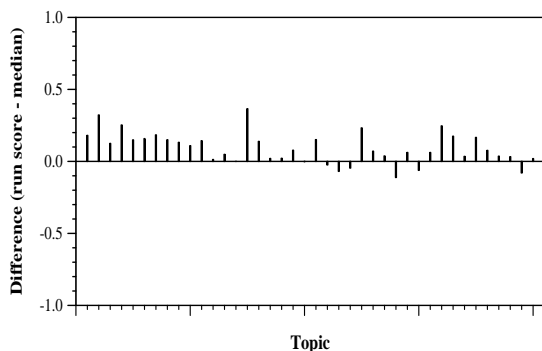
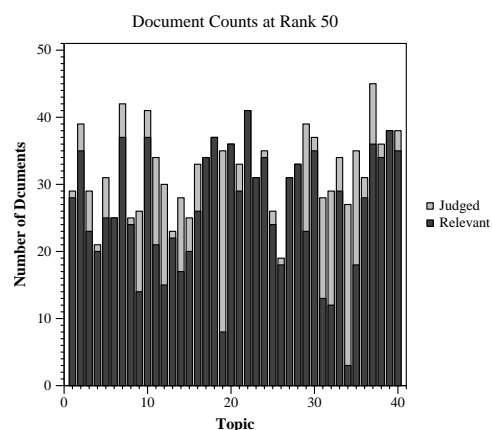
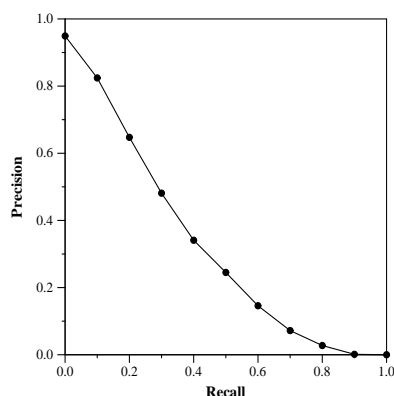
Run Description

This run uses the open baseline of the UIowaS Team and applies a neural ranking model [1] to batches of 10 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.

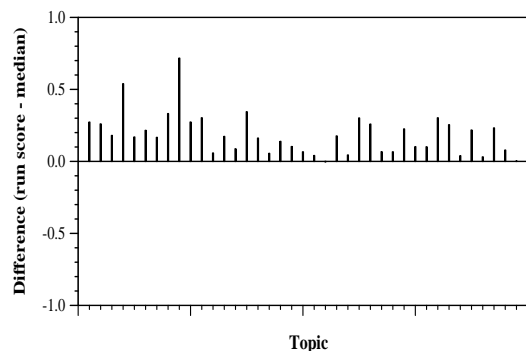
Summary Statistics	
Run ID	BioInfo-run1
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	40
Total number retrieved	39239
Total relevant	4698
Total relevant retrieved	3059
MAP	0.3188
Mean Bpref	0.5560
Mean NDCG@10	0.7715
Mean RBP(p=0.5)	0.8024 +0.0131

Document Level Averages	
	Precision
At 5 docs	0.8650
At 10 docs	0.8550
At 15 docs	0.8017
At 20 docs	0.7350
At 30 docs	0.6525
R-Precision	
Exact	0.3570

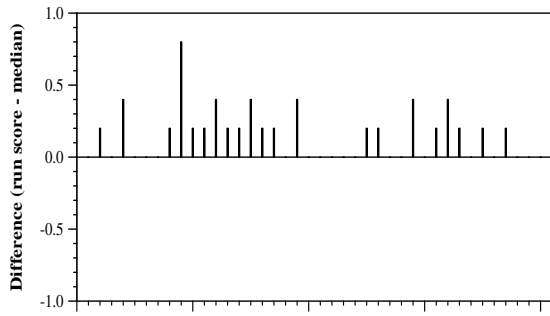


Per-topic difference from median bpref for all Round 3 runs

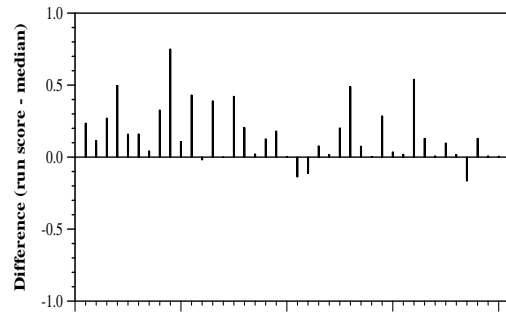


Per-topic difference from median NDCG@10 for all Round 3 runs

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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