

Round 3 results — Run UIowaS_Rd3Borda submitted from UIowaS

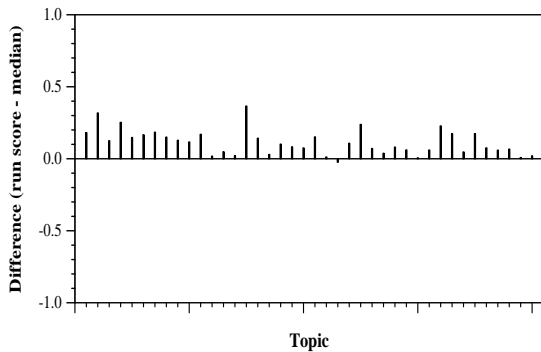
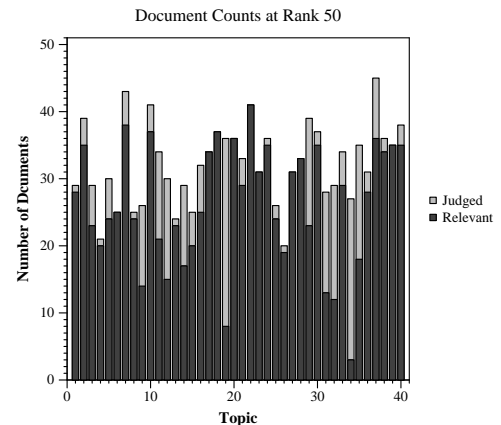
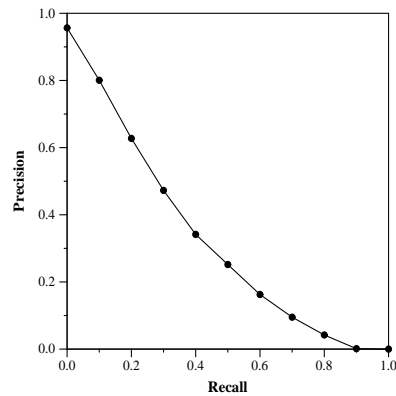
Run Description

Borda merge of two runs - both employ Terrier, BM25 weighting with relevance feedback. Both use all query fields - we did add the word Covid to the question field of all topics. In the first run we used 10 relevant documents to expand the query by 300 terms. In the second run we used 30 documents to expand the query by 1000 terms. Borda merge was done on these two runs. Retrieval was done against the metadata title and abstract fields. For the 5 new topics we did a Terrier, TF_IDF retrieval feedback run, 10 documents, 20 expansion query terms. The queries were as above, But the dataset was limited to filtered documents from the metadata title and abstract. Each retained document has to have a word in a pre-defined list described in our run 1 documentation. The scores for the first 35 topics are Borda scores while for the last 5 these are TF_IDF scores. Probably ranks will be more useful than scores for re-ranking.

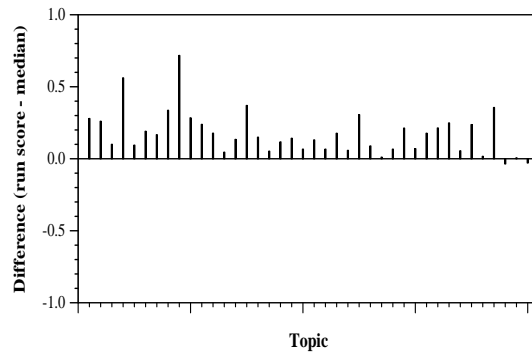
Summary Statistics	
Run ID	UIowaS_Rd3Borda
Topic type	feedback
Contributed to judgment sets?	no

Overall measures	
Number of topics	40
Total number retrieved	39907
Total relevant	4698
Total relevant retrieved	3190
MAP	0.3207
Mean Bpref	0.5778
Mean NDCG@10	0.7658
Mean RBP(p=0.5)	0.7965 +0.0411

Document Level Averages	
	Precision
At 5 docs	0.8900
At 10 docs	0.8450
At 15 docs	0.7700
At 20 docs	0.7312
At 30 docs	0.6492
R-Precision	
Exact	0.3585

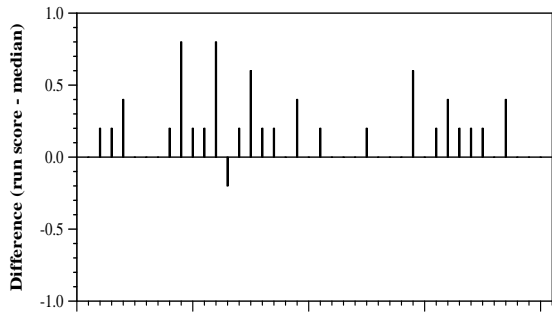


Per-topic difference from median bpref for all Round 3 runs

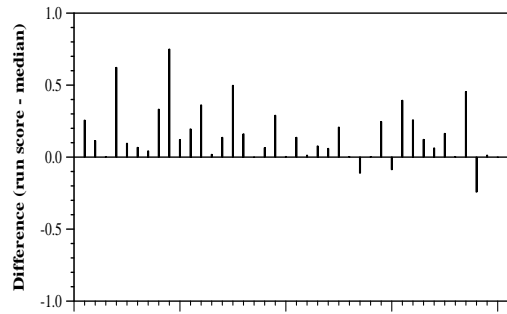


Per-topic difference from median NDCG@10 for all Round 3 runs

Round 3 results — Run UIowaS_Rd3Borda submitted from UIowaS



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