

Round 3 results — Run udel_fang_lambdarank submitted from udel_fang

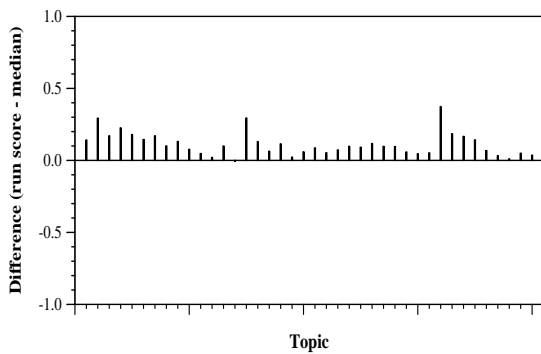
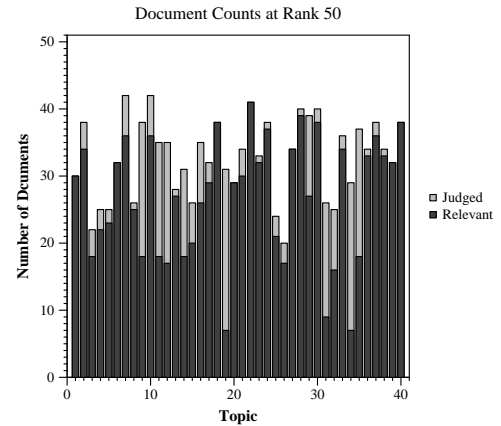
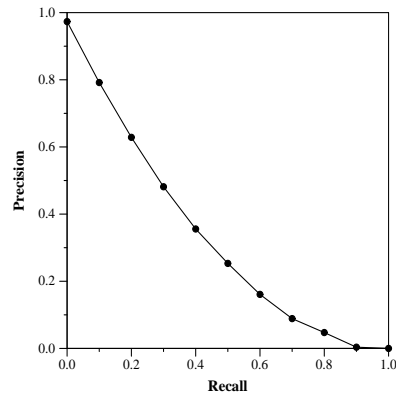
Run Description

We build an index with title and abstract from the metadata file. Non-stopwords in query, as well as entities tagged by SciSpacy in question and narrative fields are assigned the weight ratio of 2:3:1 to form the query. We generate a run using relevance feedback on the first 35 queries and pseudo relevance feedback on the last 5 queries. Lambdarank is used to re-rank the first 100 results using features such as retrieval scores and recency.

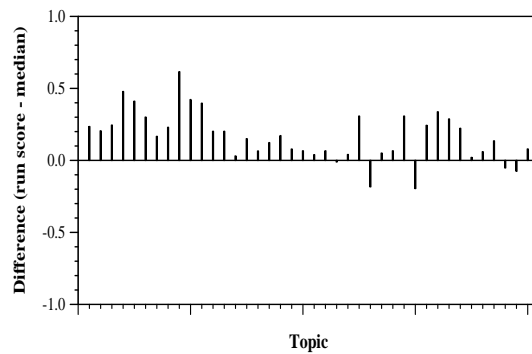
Summary Statistics	
Run ID	udel_fang_lambdarank
Topic type	feedback
Contributed to judgment sets?	yes

Overall measures	
Number of topics	40
Total number retrieved	39904
Total relevant	4698
Total relevant retrieved	3192
MAP	0.3238
Mean Bpref	0.5764
Mean NDCG@10	0.7567
Mean RBP(p=0.5)	0.7779 +0.0272

Document Level Averages	
	Precision
At 5 docs	0.8900
At 10 docs	0.8500
At 15 docs	0.7950
At 20 docs	0.7325
At 30 docs	0.6467
R-Precision	
Exact	0.3570

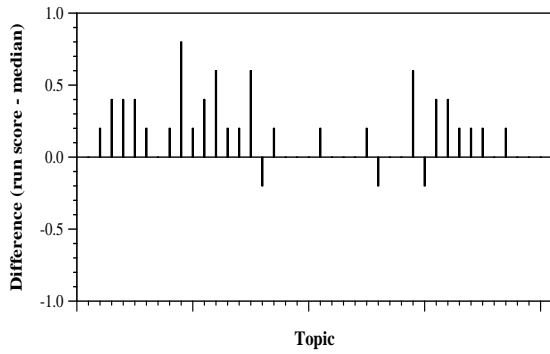


Per-topic difference from median bpref for all Round 3 runs

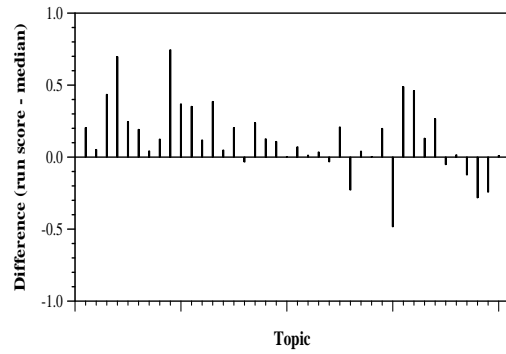


Per-topic difference from median NDCG@10 for all Round 3 runs

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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