

Round 4 results — Run udel_fang_nir submitted from udel_fang

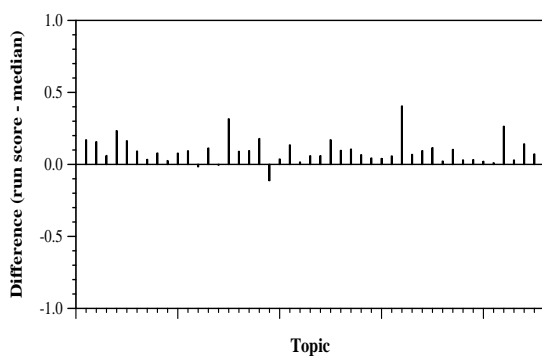
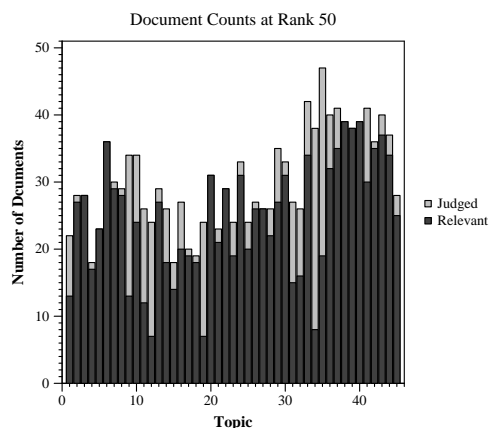
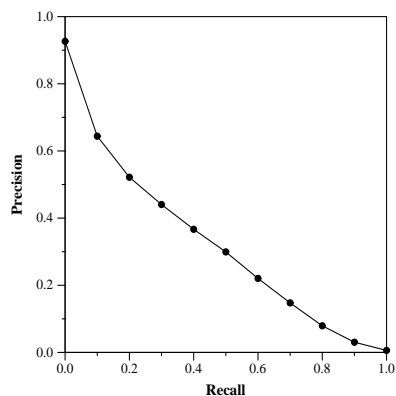
Run Description

We build an index with title and abstract from the metadata file. Non-stopwords in the query and 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 40 queries and pseudo relevance feedback on the last 5 queries. SCIBERT is used to re-rank the first 500 results. SCIBERT is finetuned on the whole msmarco datasets.

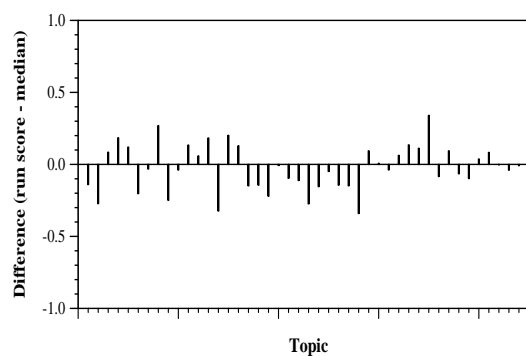
Summary Statistics	
Run ID	udel_fang_nir
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	45
Total number retrieved	44979
Total relevant	5824
Total relevant retrieved	4203
MAP	0.3104
Mean Bpref	0.6095
Mean NDCG@20	0.5976
Mean RBP(p=0.5)	0.7274 +0.1153

Document Level Averages	
	Precision
At 5 docs	0.7422
At 10 docs	0.6711
At 15 docs	0.6356
At 20 docs	0.6033
At 30 docs	0.5474
R-Precision	
Exact	0.3723

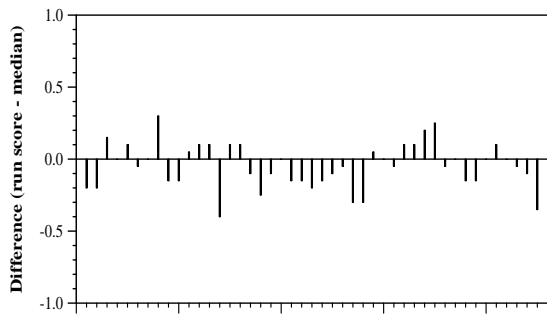


Per-topic difference from median bpref for all Round 4 runs

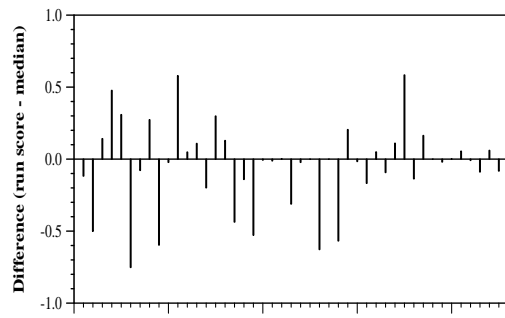


Per-topic difference from median NDCG@20 for all Round 4 runs

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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