

Round 5 results — Run udel_fang_nir submitted from udel_fang

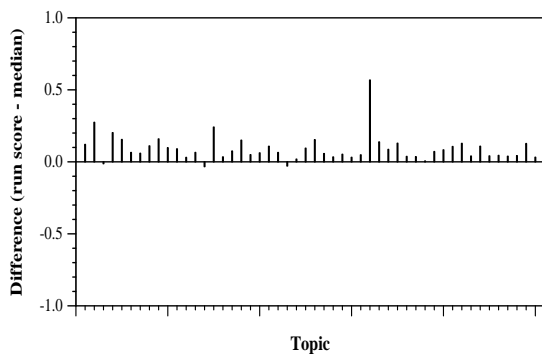
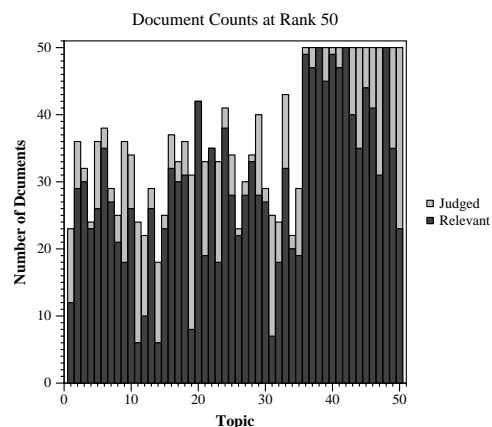
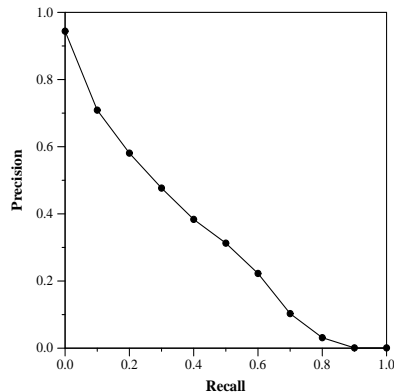
Run Description

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 45 queries and pseudo relevance feedback on the last 5 queries. SCIBERT is used to re-rank the first 1000 results. SCIBERT is finetuned on the whole msmarco datasets.

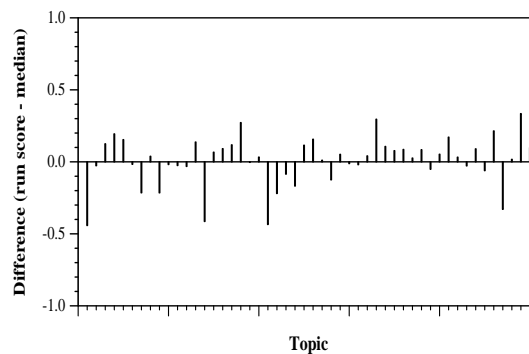
Summary Statistics	
Run ID	udel_fang_nir
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	50
Total number retrieved	49894
Total relevant	10910
Total relevant retrieved	7057
MAP	0.3233
Mean Bpref	0.5555
Mean NDCG@20	0.6830
Mean RBP(p=0.5)	0.7636 +0.0010

Document Level Averages	
	Precision
At 5 docs	0.8240
At 10 docs	0.7820
At 15 docs	0.7587
At 20 docs	0.7170
At 30 docs	0.6567
R-Precision	
Exact	0.3802

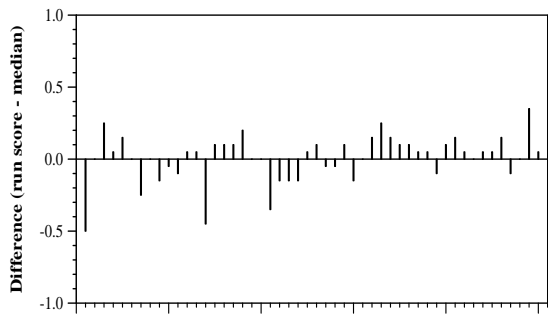


Per-topic difference from median bpref for all Round 4 runs

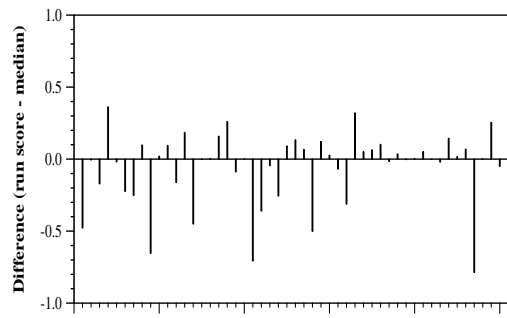


Per-topic difference from median NDCG@20 for all Round 4 runs

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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