

Round 2 results — Run ASU_MD Labs_STS_qn submitted from ASU_biomedical

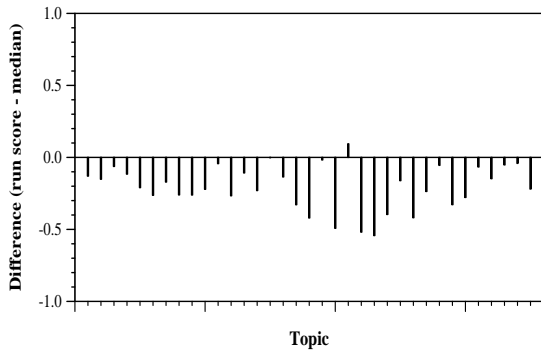
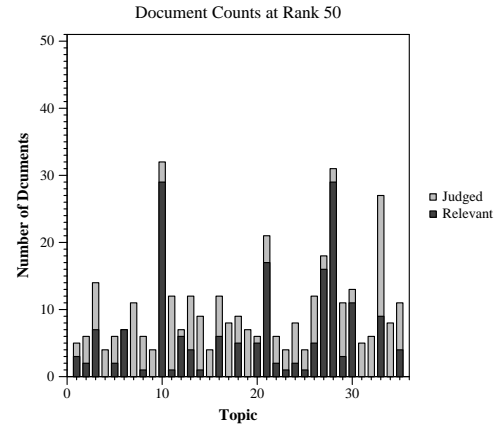
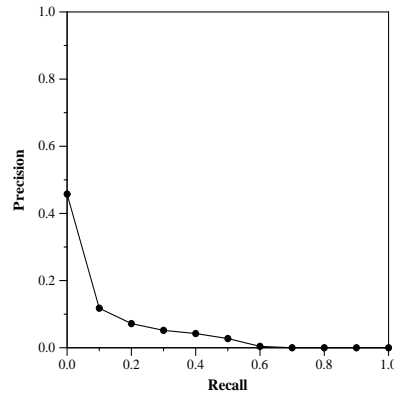
Run Description

This submission is made by utilizing a BERT model and internet scraping. Google Scholar is scraped with the provided queries and then a score is given not each hit that matches the CORD19 dataset. Then SciBERT model is trained on sentence similarity between the documents and the query. In this run, we have used query+narrative for the similarity.

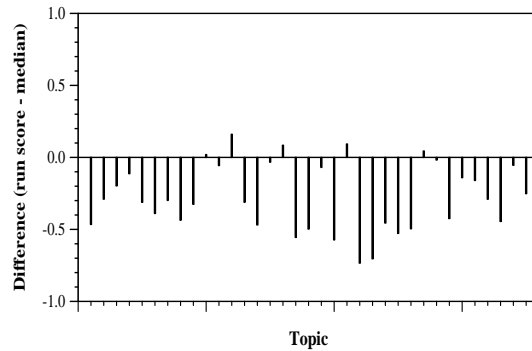
Summary Statistics	
Run ID	ASU_MD Labs_STS_qn
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	33824
Total relevant	3002
Total relevant retrieved	636
MAP	0.0469
Mean Bpref	0.1627
Mean NDCG@10	0.1951
Mean RBP(p=0.5)	0.2397 +0.5370

Document Level Averages	
	Precision
At 5 docs	0.2629
At 10 docs	0.2057
At 15 docs	0.1771
At 20 docs	0.1657
At 30 docs	0.1381
R-Precision	
Exact	0.0775

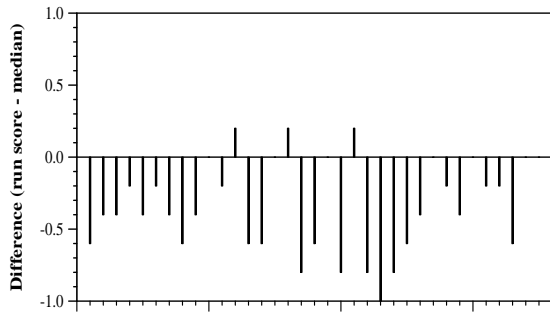


Per-topic difference from median bpref for all Round 2 runs

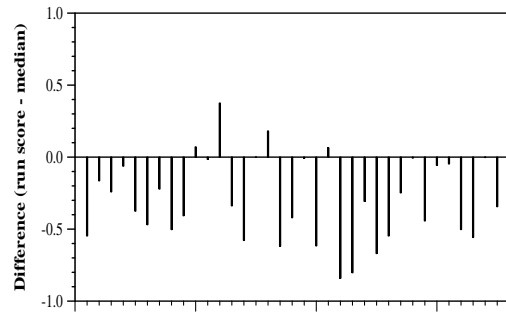


Per-topic difference from median NDCG@10 for all Round 2 runs

Round 2 results — Run ASU_MDLabs_STS_qn submitted from ASU_biomedical



Per-topic difference from median P@5 for all Round 2 runs



Per-topic difference from median RBP(p=0.5) for all Round 2 runs