

Round 2 results — Run ASU_MDLabs_STS_qq submitted from ASU_biomedical

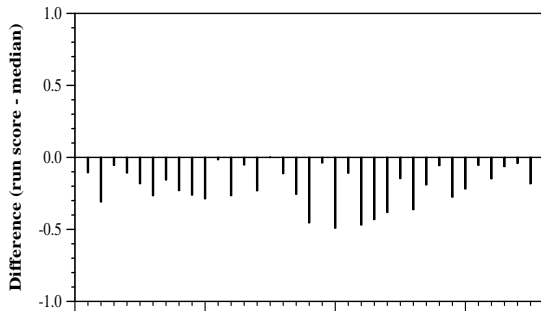
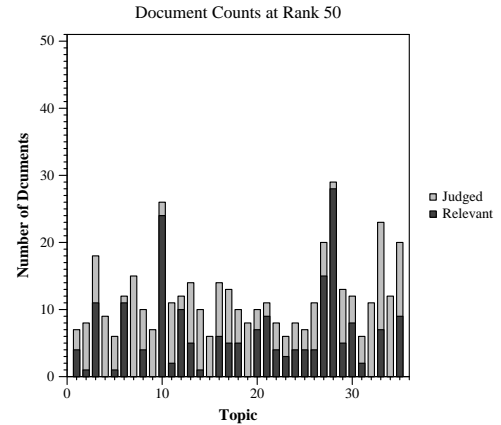
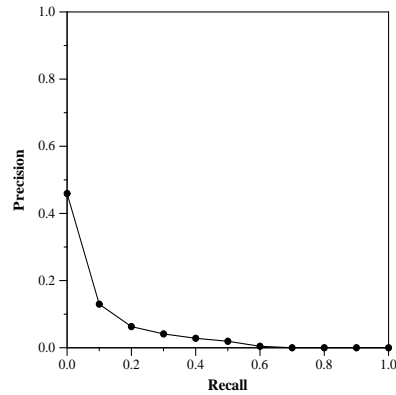
Run Description

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+question for the similarity.

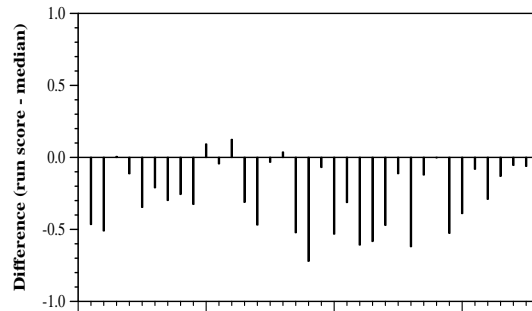
Summary Statistics	
Run ID	ASU_MDLabs_STS_qq
Topic type	automatic
Contributed to judgment sets?	no

Overall measures	
Number of topics	35
Total number retrieved	33684
Total relevant	3002
Total relevant retrieved	678
MAP	0.0445
Mean Bpref	0.1701
Mean NDCG@10	0.2053
Mean RBP(p=0.5)	0.2464 +0.4106

Document Level Averages	
	Precision
At 5 docs	0.2800
At 10 docs	0.2200
At 15 docs	0.1924
At 20 docs	0.1700
At 30 docs	0.1419
R-Precision	
Exact	0.0835

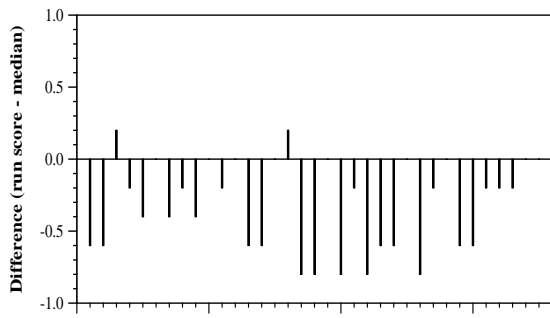


Per-topic difference from median bpref for all Round 2 runs

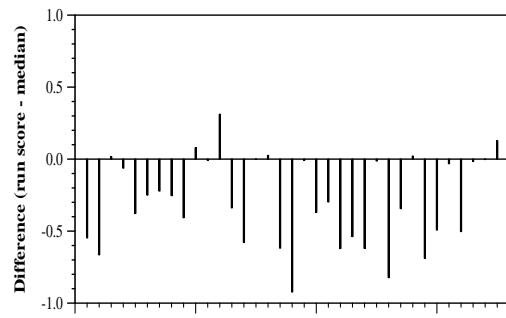


Per-topic difference from median NDCG@10 for all Round 2 runs

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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