Round 2 results — Run ASU_MDLabs_STS_qqn submitted from ASU_biomedical

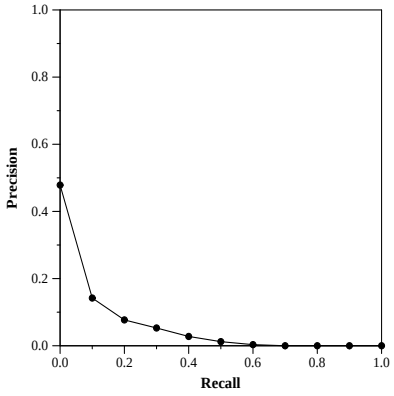
Run Description

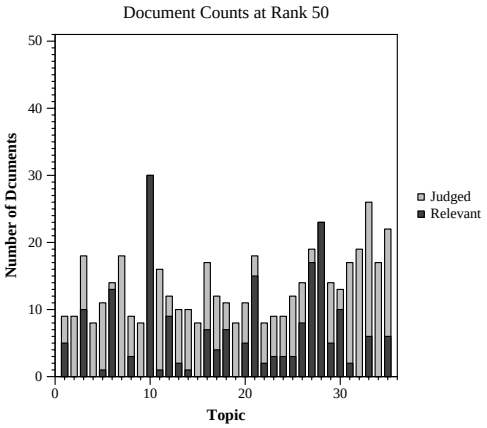
This submission is made by utilizing a BERT model and internet scraping. Google Scholar is scraped with the provided queries and then a score is given not each hit that matches the CORD19 dataset. Then SciBERT model is trained on sentence similarity between the documents and the query. In this run, we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

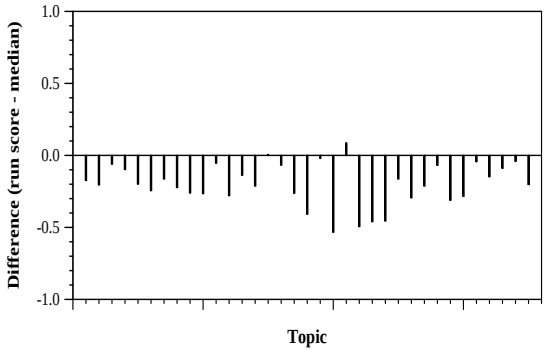
Summary Statistics	
Run ID	ASU_MDLabs_STS_qqn
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	35
Total number retrieved	33771
Total relevant	3002
Total relevant retrieved	672
MAP	0.0484
Mean Bpref	0.1688
Mean NDCG@10	0.2359
Mean RBP(p=0.5)	0.2718 +0.0052

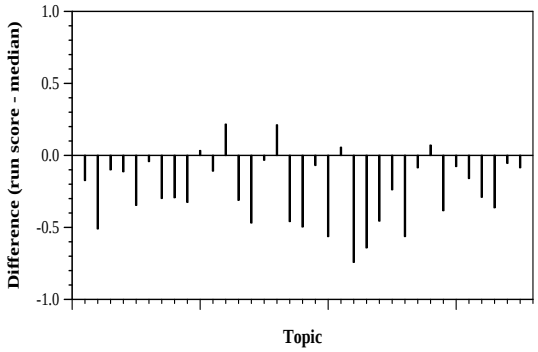
Document Level Averages	
	Precision
At 5 docs	0.3143
At 10 docs	0.2657
At 15 docs	0.2114
At 20 docs	0.1857
At 30 docs	0.1552
R-Precision	
Exact	0.0805







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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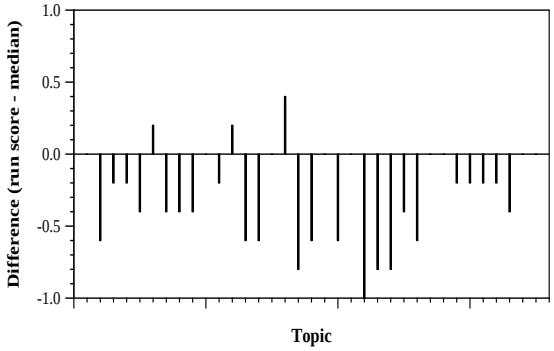
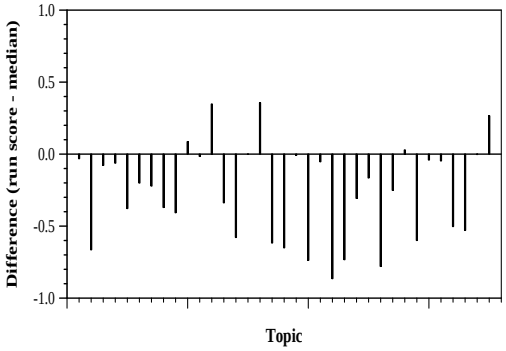


Per-topic difference from median P@5 for all Round 2 runs



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