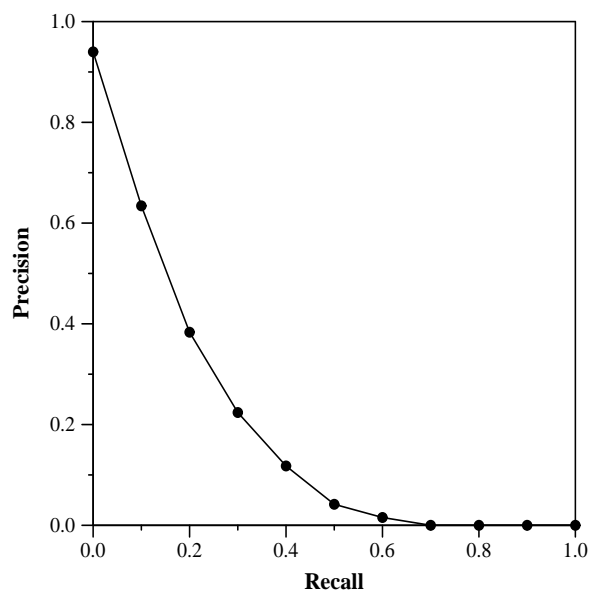
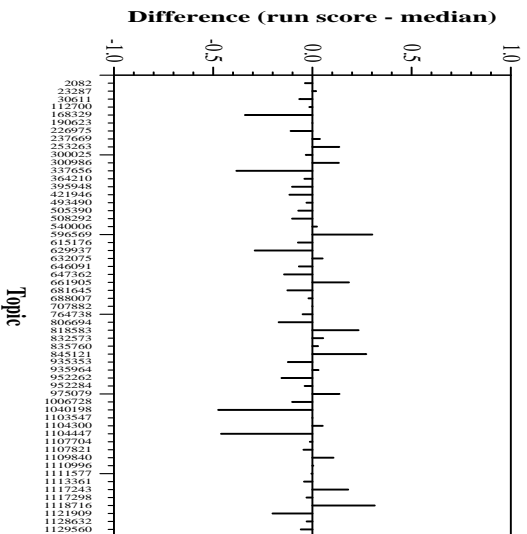


Deep Learning Track results — (BASELINES) Baseline Runs for TREC Deep Learning

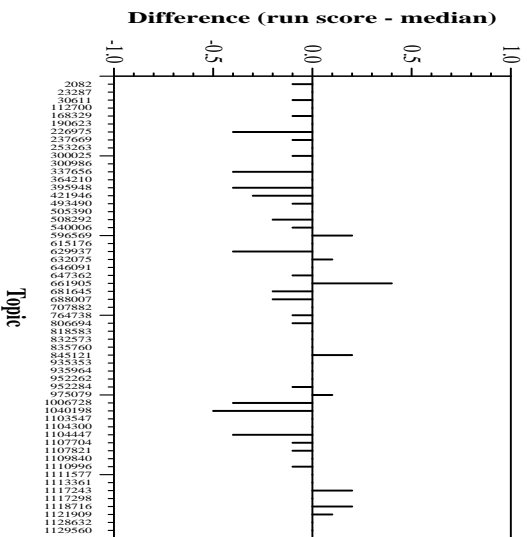
Run Description	
Run ID:	d_tct1
Task:	Document Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	Yes
Used deep nn model?	Pre-trained model
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	https://aclanthology.org/2021.rep4nlp-1.17/
Query processing cost:	https://aclanthology.org/2021.rep4nlp-1.17/

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5700	At 5 docs	0.8211
Total relevant	8203	At 10 docs	0.7649
Total relevant retrieved	1652	At 15 docs	0.6737
MAP	0.1794	At 20 docs	0.6079
Mean NDCG@10	0.6269	At 30 docs	0.5199
Mean Reciprocal Rank	0.9190	R-Precision	
		Exact	0.2359

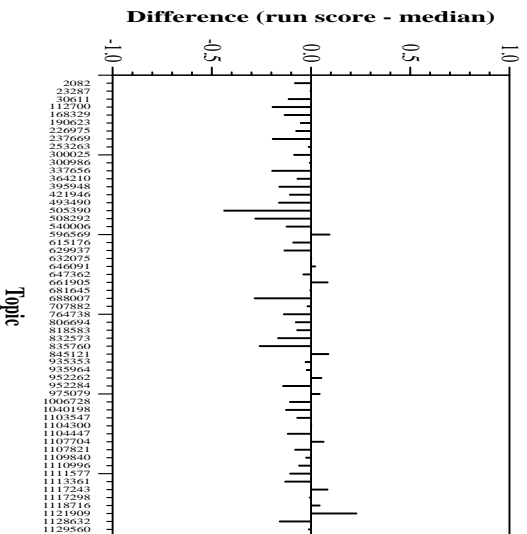




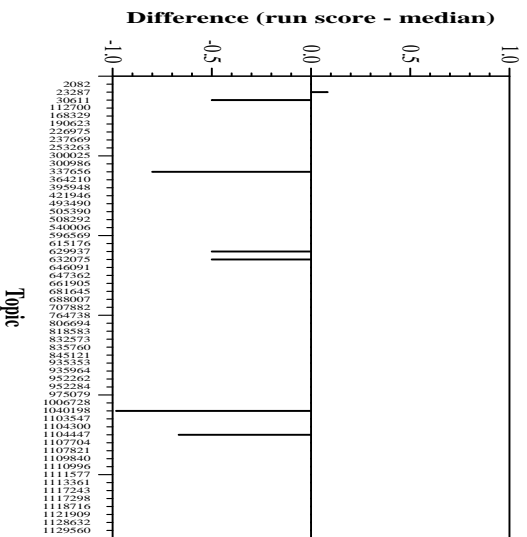
Per-topic difference from median for NDCG@10 for Document Ranking runs



Per-topic difference from median for Prec@10 for Document Ranking runs



Per-topic difference from median for Average Precision for Document Ranking runs



Per-topic difference from median for Reciprocal Rank for Document Ranking runs