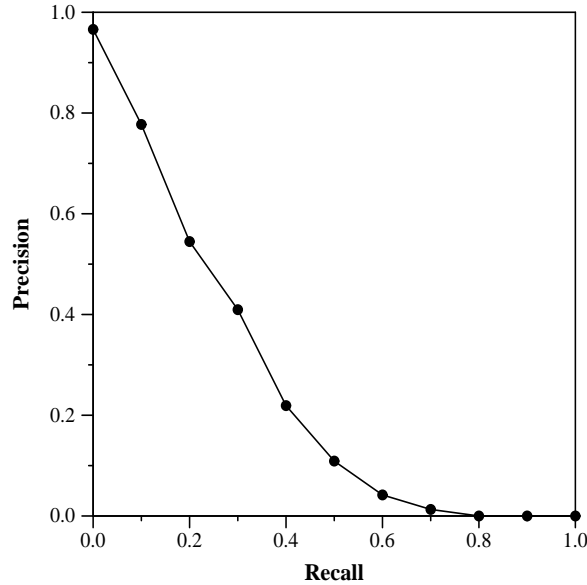


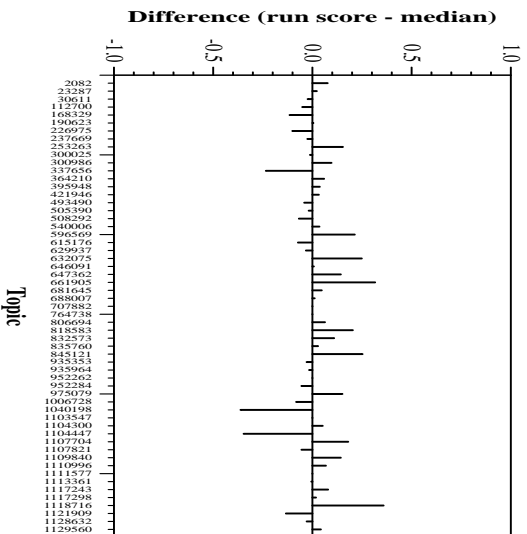
Deep Learning Track results — (BASELINES) Baseline Runs for TREC Deep Learning

Run Description	
Run ID:	d_fusion10
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; Previous year's MS MARCO training data
Pre-processing/indexing cost:	https://aclanthology.org/2021.repl4nlp-1.17/ https://arxiv.org/abs/2106.14807
Query processing cost:	https://aclanthology.org/2021.repl4nlp-1.17/ https://arxiv.org/abs/2106.14807

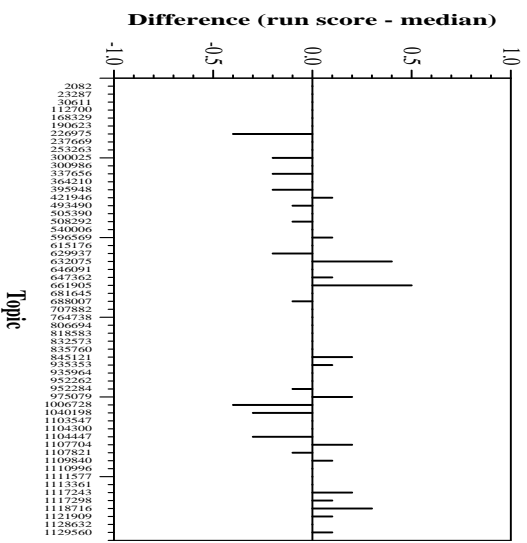
Overall measures	
Number of topics	57
Total number retrieved	5700
Total relevant	8203
Total relevant retrieved	2208
MAP	0.2518
Mean NDCG@10	0.6831
Mean Reciprocal Rank	0.9423

Document Level Averages	
Precision	
At 5 docs	0.8737
At 10 docs	0.8316
At 15 docs	0.7602
At 20 docs	0.7070
At 30 docs	0.6316
R-Precision	
Exact	0.3117

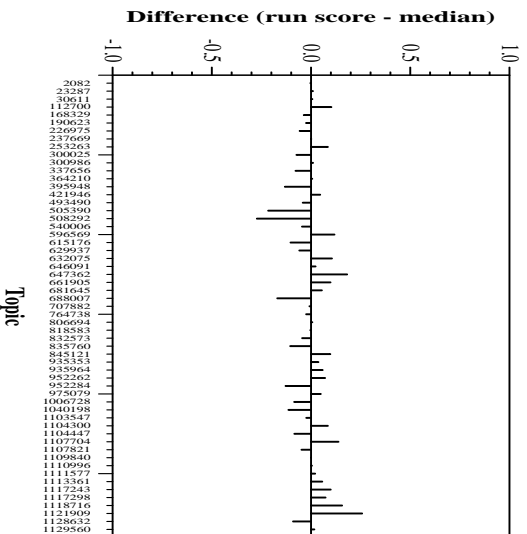




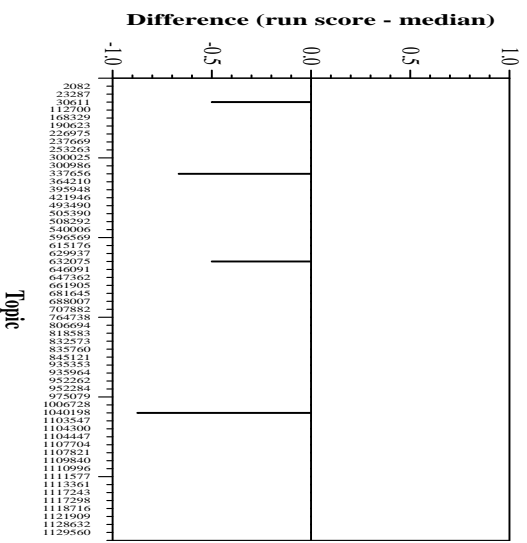
Per-topic difference from median for NDCG@10 for Document Ranking runs



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