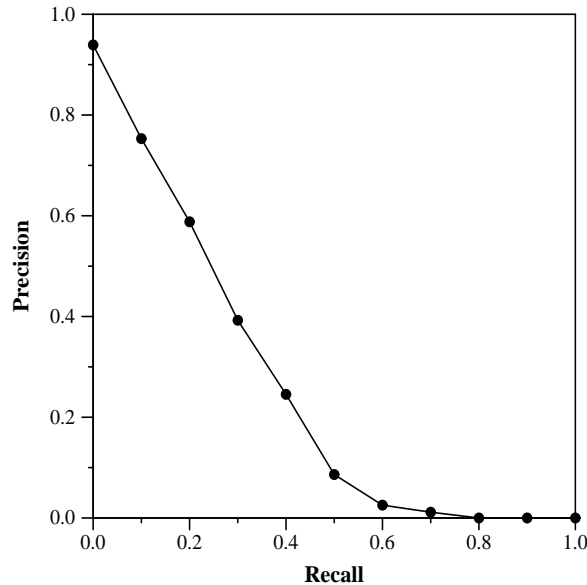


Deep Learning Track results — (BASELINES) Baseline Runs for TREC Deep Learning

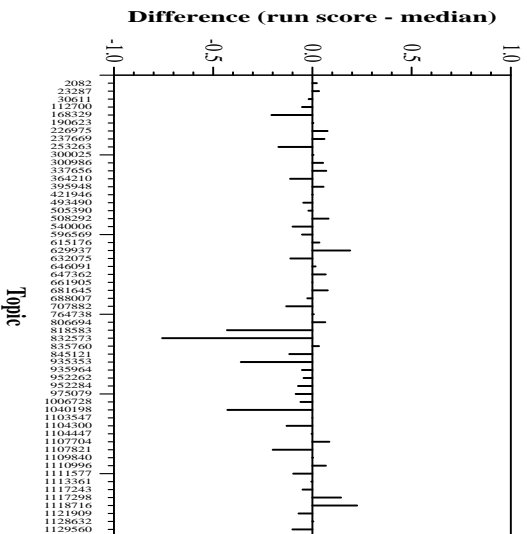
Run Description	
Run ID:	bl_bcai_trad
Task:	Document Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	No neural representation learning
Type of training:	This year's MS MARCO training data
Pre-processing/indexing cost:	tokenization and indexing took several days on a 10-core server.
Query processing cost:	retrieval (Lucene) + re-ranking. retrieval takes about 50 ms. with respect to re-ranking, it should be in the order of a few 100s of ms per query. exact numbers are not know, b/c apparently this wasn't run with a fully cached forward index.

Overall measures	
Number of topics	57
Total number retrieved	5700
Total relevant	8203
Total relevant retrieved	2255
MAP	0.2494
Mean NDCG@10	0.6136
Mean Reciprocal Rank	0.9276

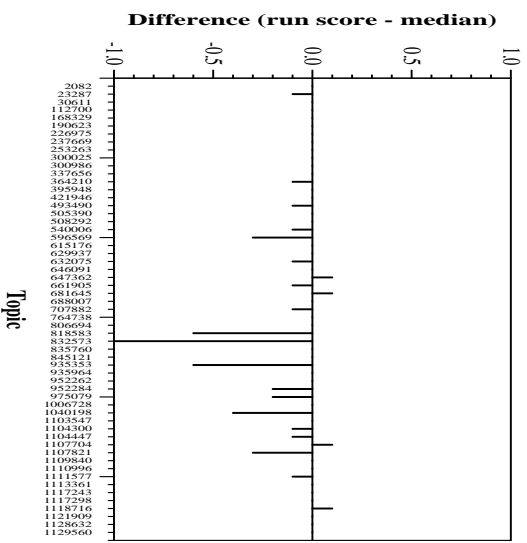
Document Level Averages	
	Precision
At 5 docs	0.8386
At 10 docs	0.7561
At 15 docs	0.7251
At 20 docs	0.6851
At 30 docs	0.6199
R-Precision	
Exact	0.3092



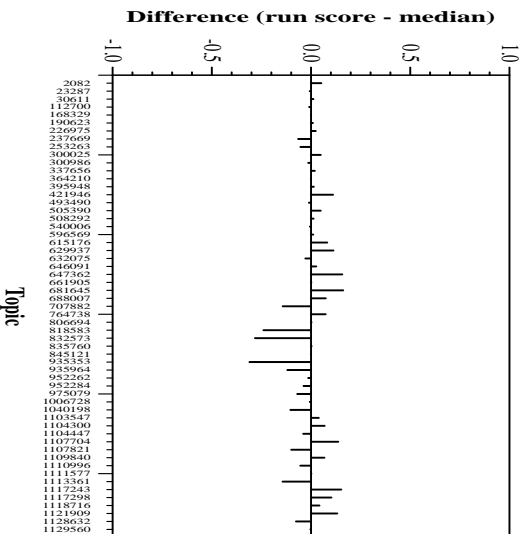
Deep Learning Track results — (BASELINES) Baseline Runs for TRREC Deep Learning



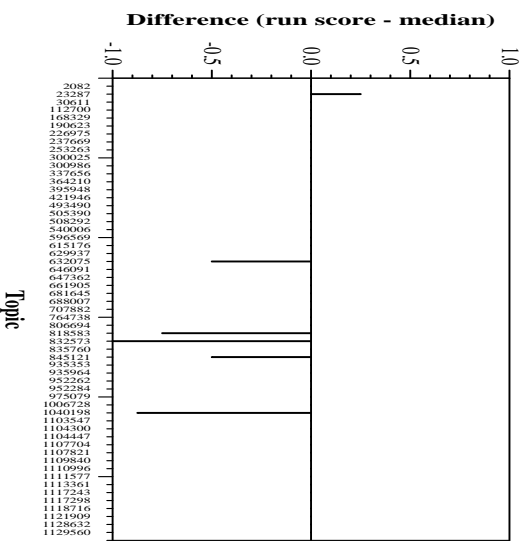
Per-topic difference from median for NDCG@10 for Document Ranking runs



Per-topic difference from median for Precision@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