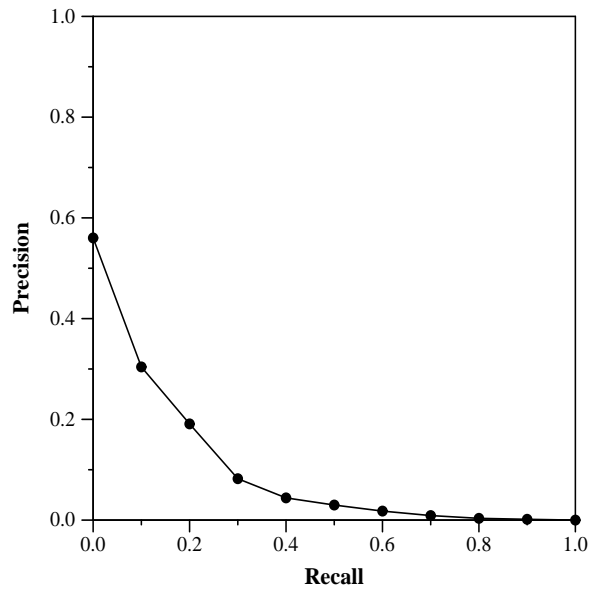
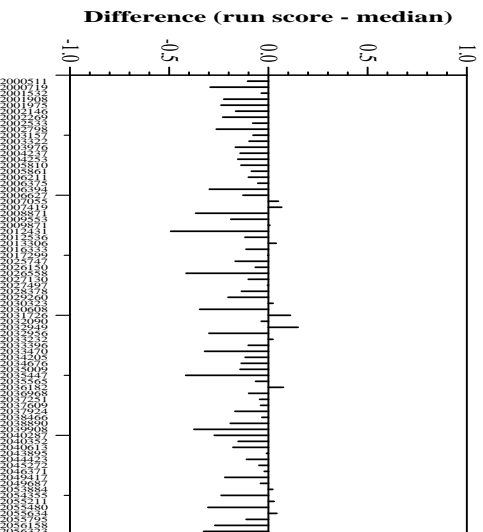


Run Description	
Run ID:	IELab-3MP-DI
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	NA, I used pre-built indexes available online.
Pre-processing/indexing cost:	NA, I used pre-built indexes available online. The indexing of the pre-built index is negligible, less than an hour on a 32-core CPU.
Query processing cost:	The whole run file can be generated (with PISA) and 32-threads in about 30 seconds. With optimization this time can be reduced further.

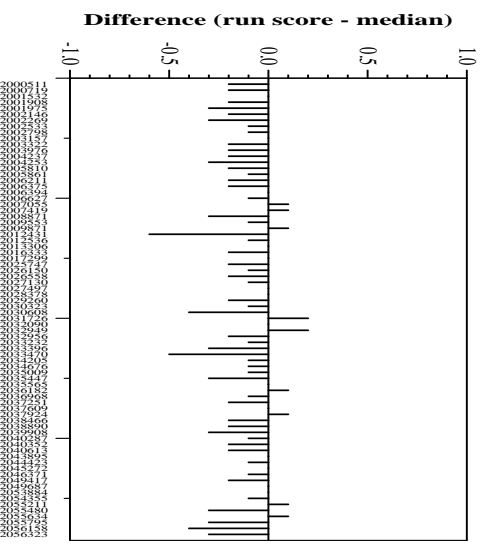
Overall measures	
Number of topics	76
Total number retrieved	7031
Total relevant	4613
Total relevant retrieved	877
MAP	0.0906
Mean NDCG@10	0.4014
Mean Reciprocal Rank	0.5180

Document Level Averages	
Precision	
At 5 docs	0.3553
At 10 docs	0.3039
At 15 docs	0.2719
At 20 docs	0.2362
At 30 docs	0.2101
R-Precision	
Exact	0.1623

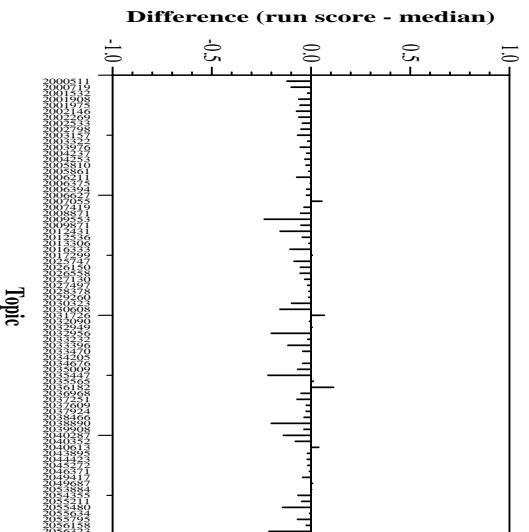




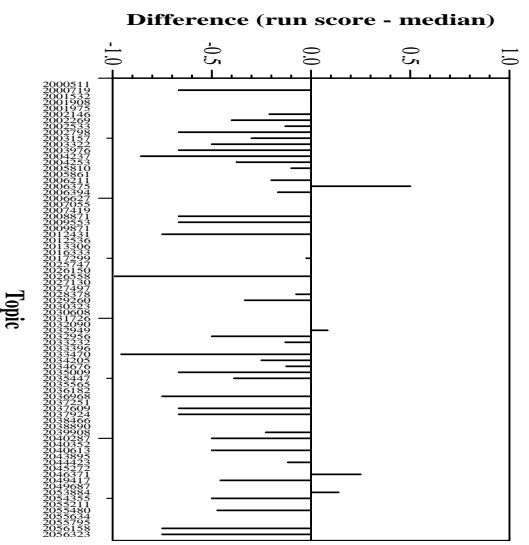
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



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



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