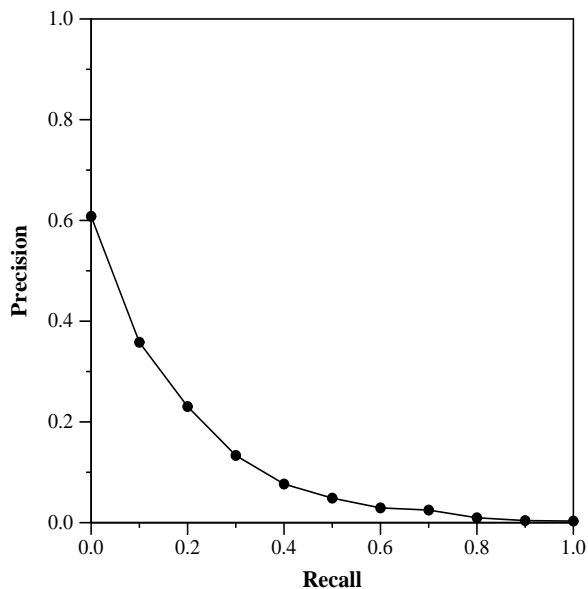
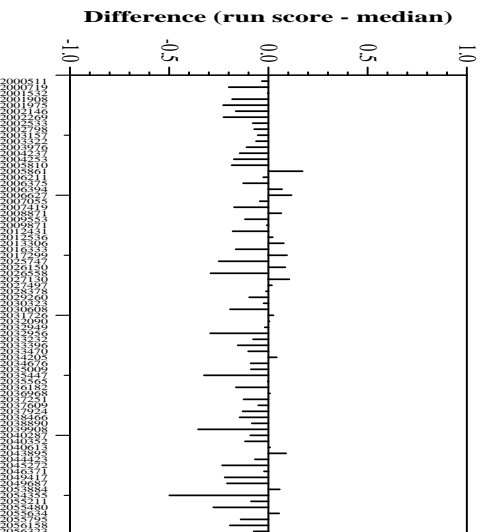


Run Description	
Run ID:	IELab-3MP-RBC
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	NA - prebuilt indexes were used (from Waterloo)
Pre-processing/indexing cost:	From the pre-built indexes, each of the aforementioned indexes can be built in less than an hour.
Query processing cost:	CPU-only runs: In total, all of the runs can be generated sequentially in about 1 minute, and the fusion process takes a matter of milliseconds. Again, all done on a Linux machine with two 3.50 GHz Intel Xeon Gold 6144 CPUs and 512 GiB of RAM.

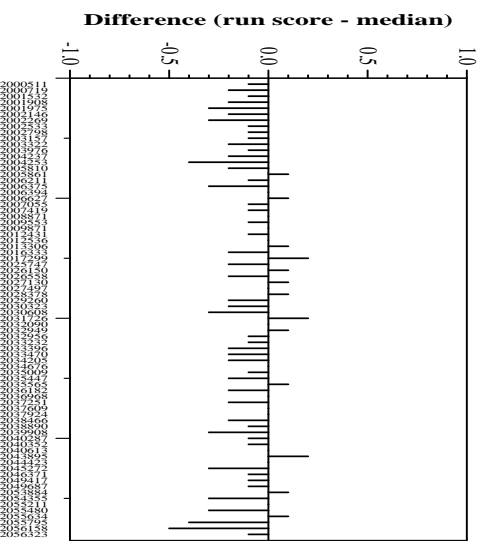
Overall measures	
Number of topics	76
Total number retrieved	6961
Total relevant	4613
Total relevant retrieved	1023
MAP	0.1119
Mean NDCG@10	0.4420
Mean Reciprocal Rank	0.5515

Document Level Averages	
Precision	
At 5 docs	0.3816
At 10 docs	0.3303
At 15 docs	0.3079
At 20 docs	0.2809
At 30 docs	0.2465
R-Precision	
Exact	0.1886

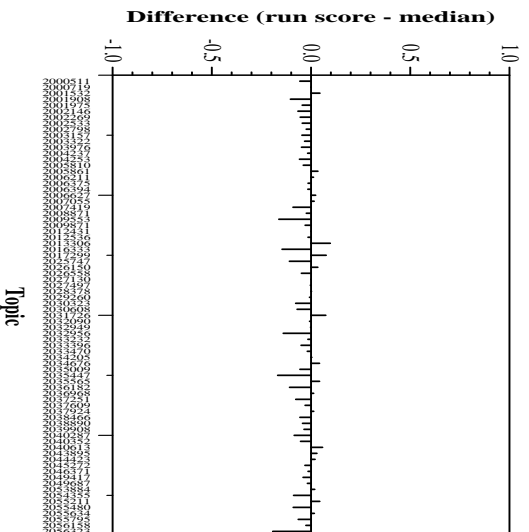




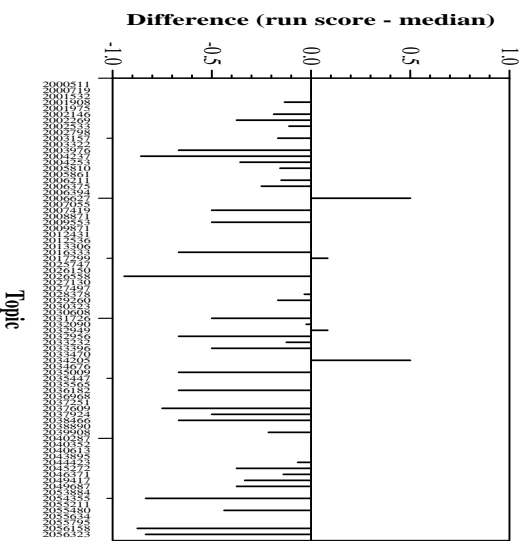
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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