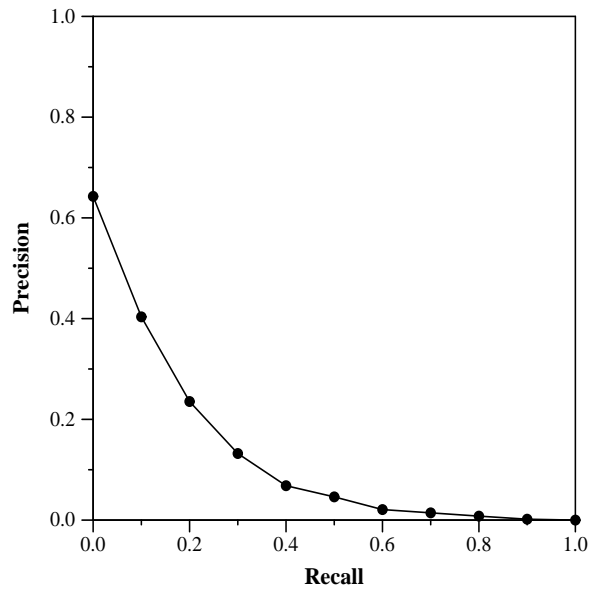
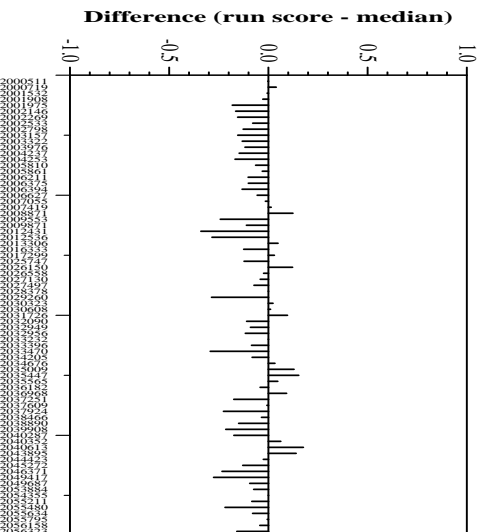


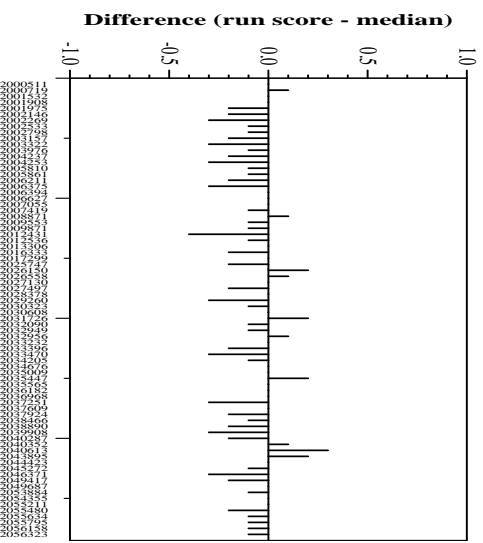
Run Description	
Run ID:	IELab-3MP-UT
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	NA - prebuilt indexes were used.
Pre-processing/indexing cost:	Negligible; less than an hour on a 32-core CPU.
Query processing cost:	The entire run can be generated from PISA in about 9 seconds using 32 processing threads on a Linux machine with two 3.50 GHz Intel Xeon Gold 6144 CPUs and 512 GiB of RAM.

Overall measures		Document Level Averages	
Number of topics	76	Precision	
Total number retrieved	6654	At 5 docs	0.4105
Total relevant	4613	At 10 docs	0.3500
Total relevant retrieved	979	At 15 docs	0.3105
MAP	0.1156	At 20 docs	0.2711
Mean NDCG@10	0.4612	At 30 docs	0.2360
Mean Reciprocal Rank	0.6015	R-Precision	
		Exact	0.1881

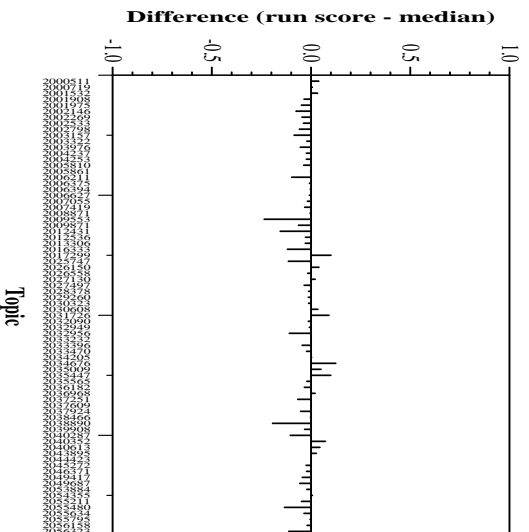




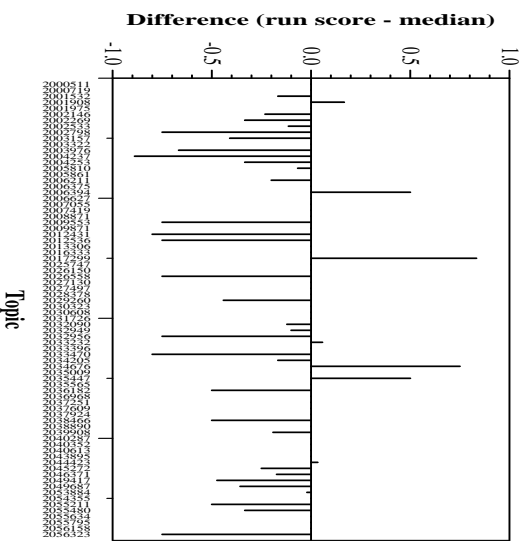
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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