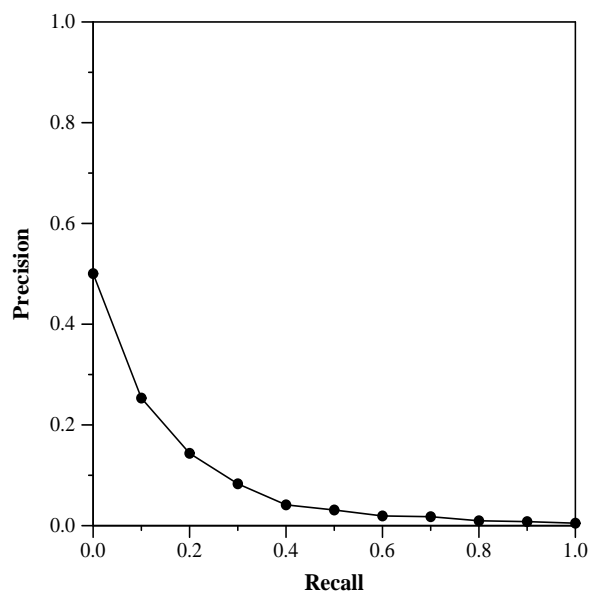
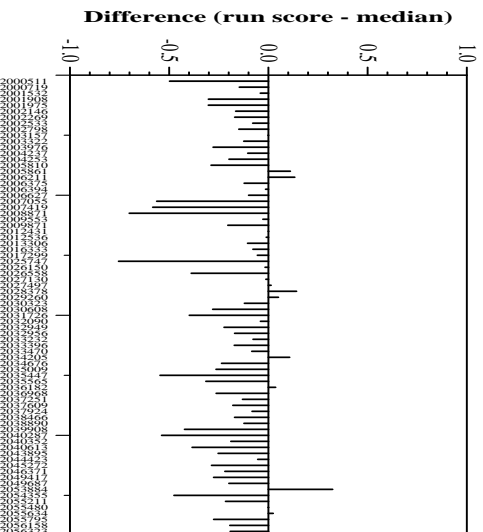


Run Description	
Run ID:	IELab-3MP-DT5
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	Yes
Used deep nn model?	Pre-trained model
Type of training:	None specified
Training cost:	I didn't train the corpus expansion part of the model, so I am not sure how heavy it is. Jimmy Lin should have some idea. The index was derived from his pre-built (and hosted) indexes online.
Pre-processing/indexing cost:	Less than an hour to index the expanded corpus with 32 CPU cores.
Query processing cost:	Single pass ranking with PISA; the whole run can be generated in less than one second using 32 threads in-memory on a Linux machine with two 3.50 GHz Intel Xeon Gold 6144 CPUs and 512 GiB of RAM.

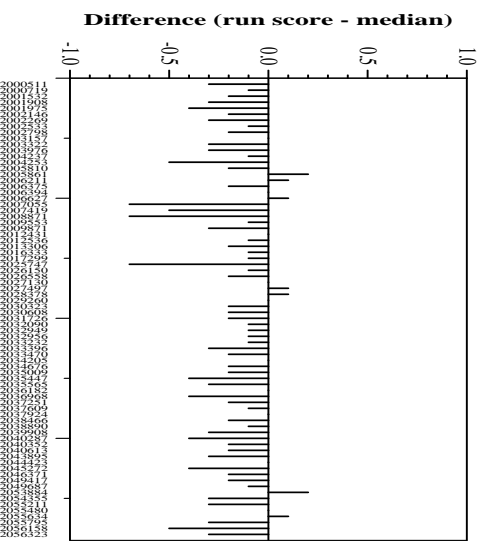
Overall measures	
Number of topics	76
Total number retrieved	7077
Total relevant	4613
Total relevant retrieved	779
MAP	0.0787
Mean NDCG@10	0.3534
Mean Reciprocal Rank	0.4404

Document Level Averages	
Precision	
At 5 docs	0.2763
At 10 docs	0.2461
At 15 docs	0.2149
At 20 docs	0.1941
At 30 docs	0.1741
R-Precision	
Exact	0.1456

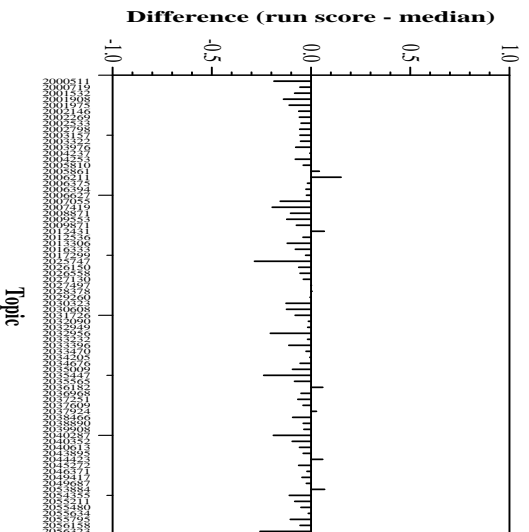




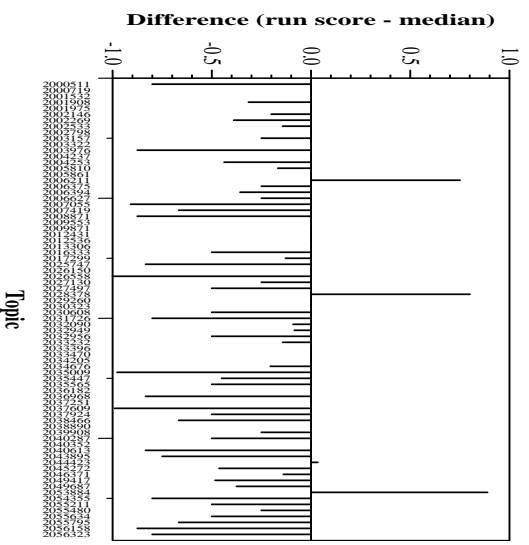
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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