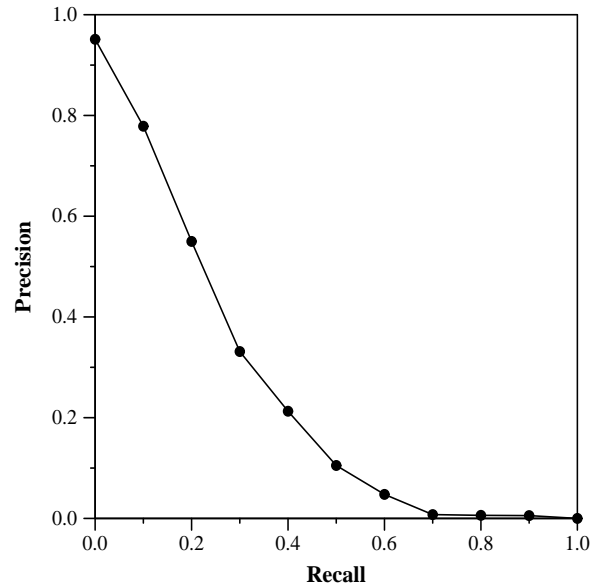


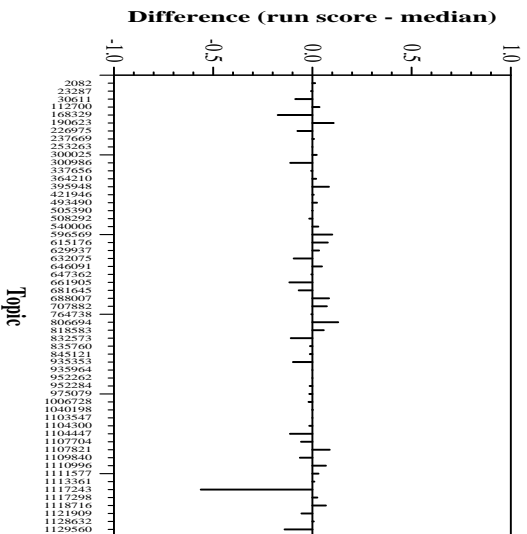
Deep Learning Track results — (TU_Vienna) TU Wien

Run Description	
Run ID:	TUW_IDCM_ALL
Task:	Document Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Pre-processing/indexing cost:	None
Query processing cost:	Median: 600 GPU-ms for re-ranking a 100 documents (on a single TITAN RTX)

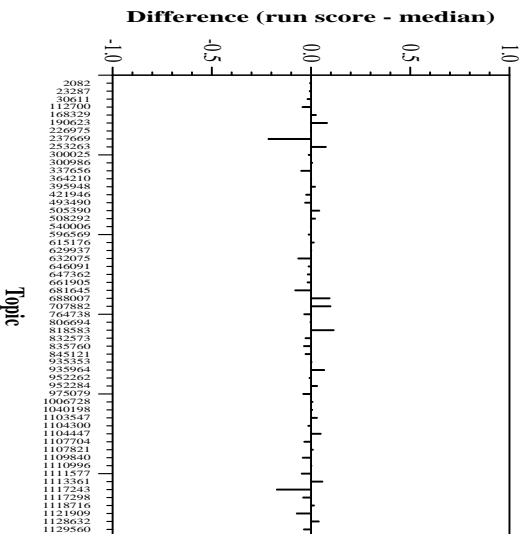
Overall measures	
Number of topics	57
Total number retrieved	5700
Total relevant	8203
Total relevant retrieved	2086
MAP	0.2460
Mean NDCG@10	0.6455
Mean Reciprocal Rank	0.9092

Document Level Averages	
Precision	
At 5 docs	0.8456
At 10 docs	0.8035
At 15 docs	0.7520
At 20 docs	0.7088
At 30 docs	0.6392
R-Precision	
Exact	0.2965

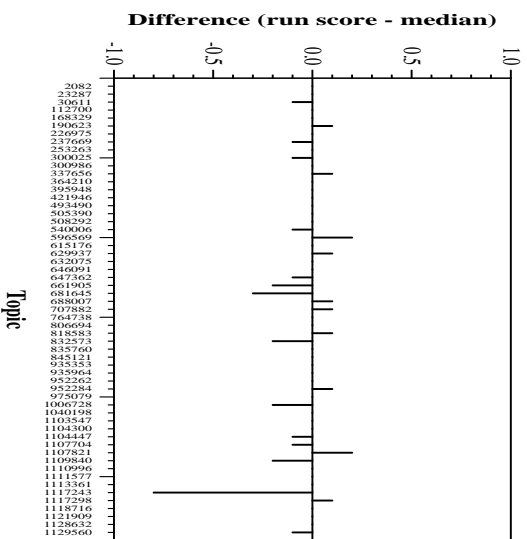




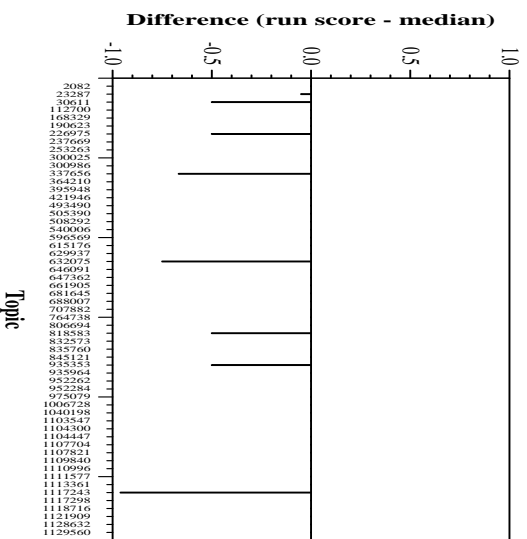
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



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



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