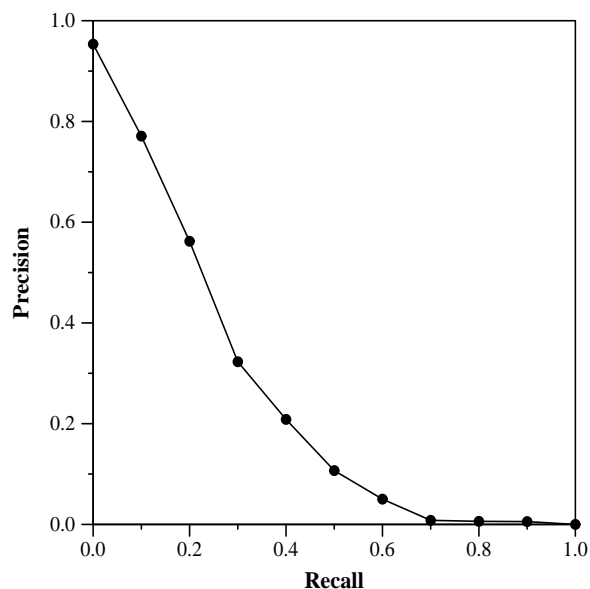
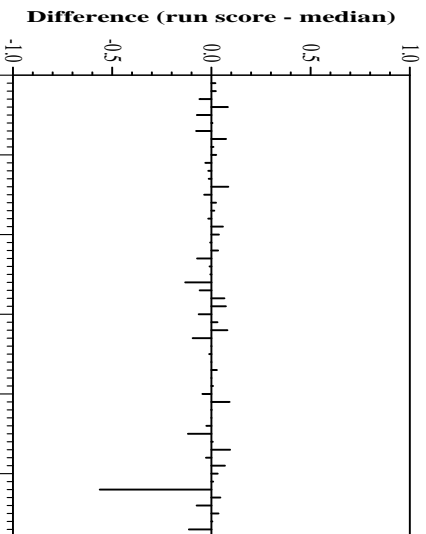


Deep Learning Track results — (TU_Vienna) TU Wien

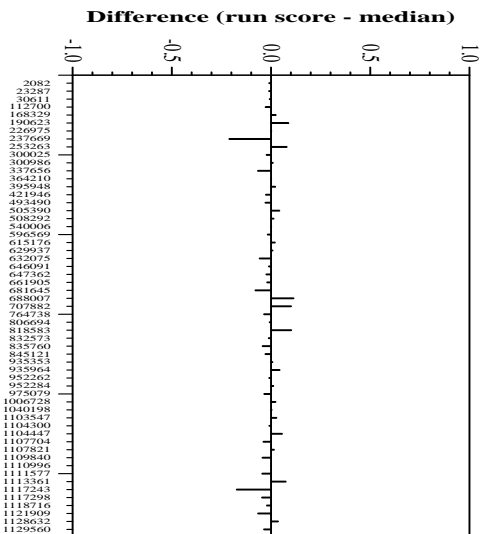
Run Description	
Run ID:	TUW_IDCMS4
Task:	Document Ranking
Subtask:	Reranking the official top 100
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Pre-processing/indexing cost:	None
Query processing cost:	Median: 150 GPU-ms for re-ranking a 100 documents (on a single TITAN RTX)

Overall measures		Document Level Averages	
Number of topics	57		Precision
Total number retrieved	5700	At 5 docs	0.8491
Total relevant	8203	At 10 docs	0.8088
Total relevant retrieved	2086	At 15 docs	0.7614
MAP	0.2460	At 20 docs	0.7044
Mean NDCG@10	0.6494	At 30 docs	0.6357
Mean Reciprocal Rank	0.9115	R-Precision	
		Exact	0.2959

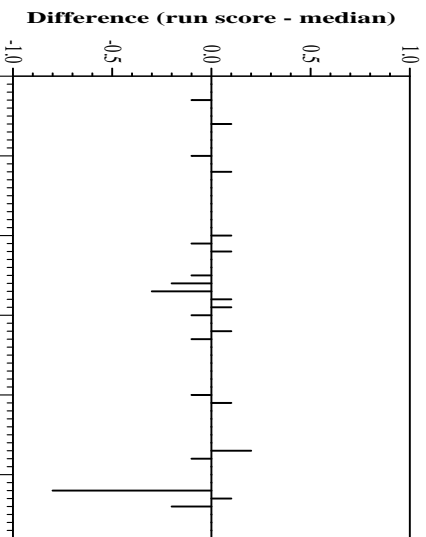




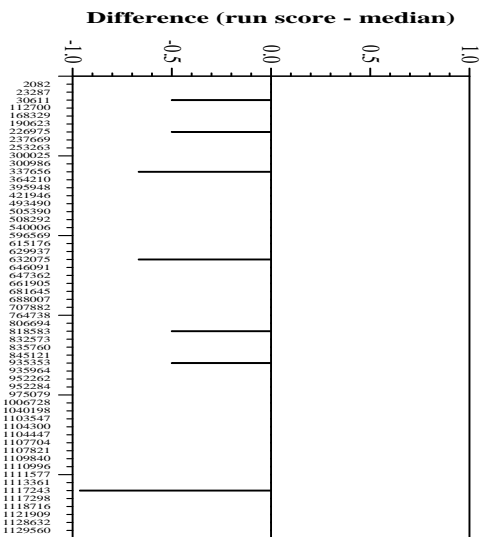
Per-topic difference from median for NDCG@10 for Document Ranking runs



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