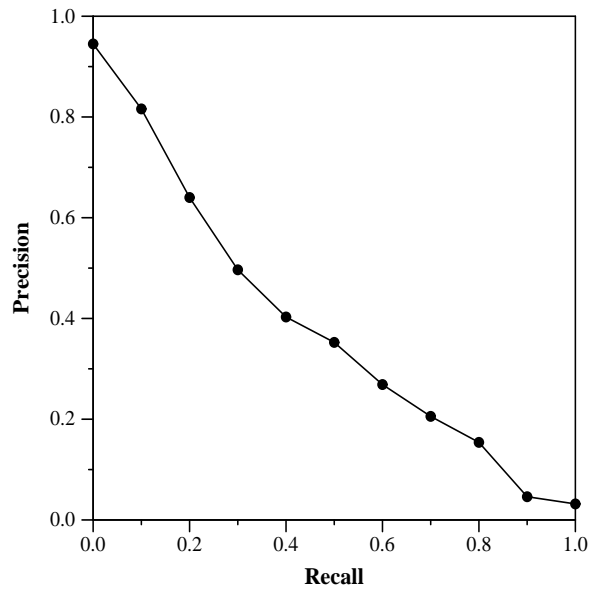
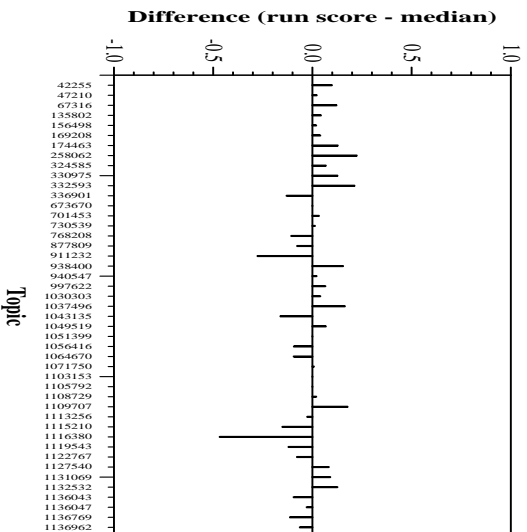


Deep Learning Track results — (TU_Vienna) TU Wien - Vienna University of Technology

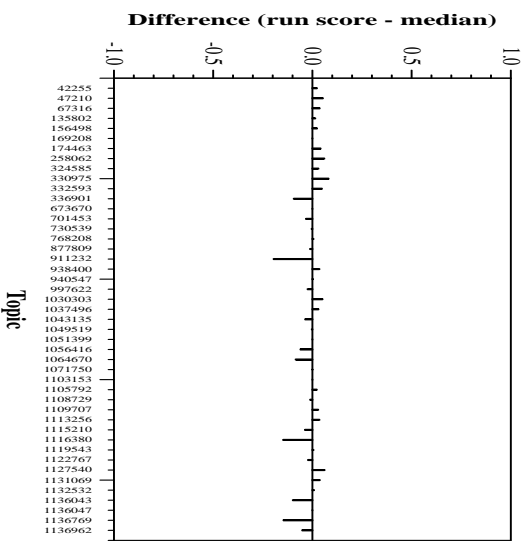
Run Description	
Run ID	TUW-TKL-4k
Task	Document Ranking
Subtask	Reranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used document task training labels
ORCAS data used for something other than training?	No
Training cost?	Training: ~ 24 hours on a single GPU Inference: ~900 query-document pairs / second on a single GPU

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4500	At 5 docs	0.7289
Total relevant	1767	At 10 docs	0.5778
Total relevant retrieved	814	At 15 docs	0.5141
MAP	0.3749	At 20 docs	0.4556
Mean NDCG@10	0.5749	At 30 docs	0.3756
Mean NDCG@100	0.5786	R-Precision	
Mean Reciprocal Rank	0.9185	Exact	0.4007

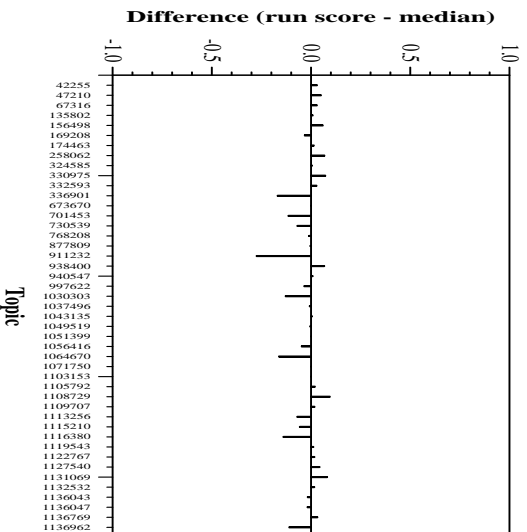




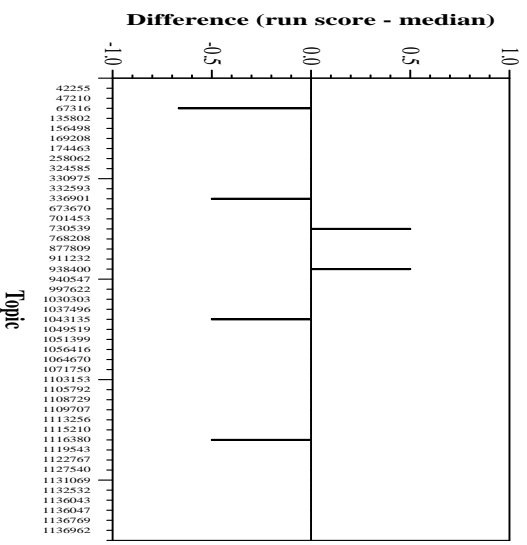
Per-topic difference from median for NDCG@10 for Document Ranking runs



Per-topic difference from median for NDCG@100 for Document Ranking runs



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



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