

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

Run Description	
Run ID	TUW-TK-Sparse
Task	Passage Ranking
Subtask	Reranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used passage task training labels
ORCAS data used for something other than training?	No
Training cost?	Training: ~ 10 hours until early stopping on single TITAN RTX GPU Inference: 6,000 query-document pairs per second (single TITAN RTX GPU)

Overall measures		Document Level Averages	
Number of topics	54		Precision
Total number retrieved	50024	At 5 docs	0.6037
Total relevant	1666	At 10 docs	0.5167
Total relevant retrieved	959	At 15 docs	0.4346
MAP	0.4164	At 20 docs	0.3759
Mean NDCG@10	0.6610	At 30 docs	0.3086
Mean NDCG@1000	0.6407	R-Precision	
Mean Reciprocal Rank	0.7970	Exact	0.4222



