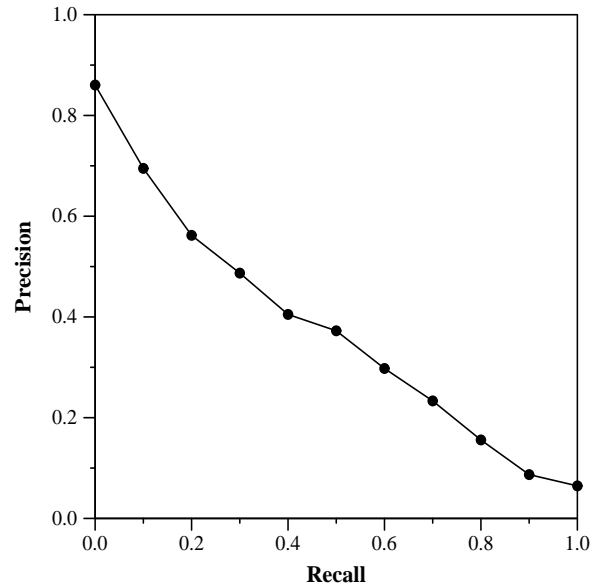
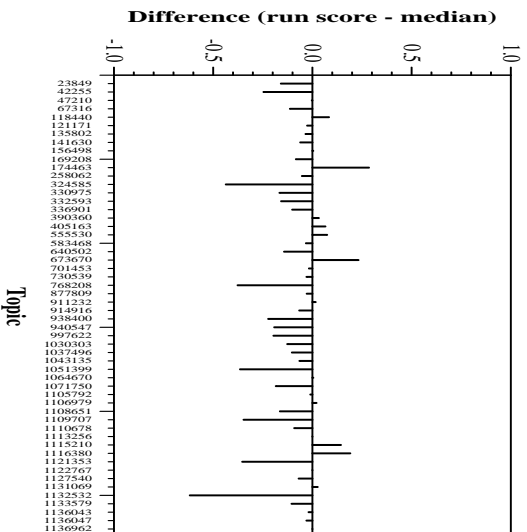


Deep Learning Track results — (HSRM-LAVIS) RheinMain University of Applied Sciences

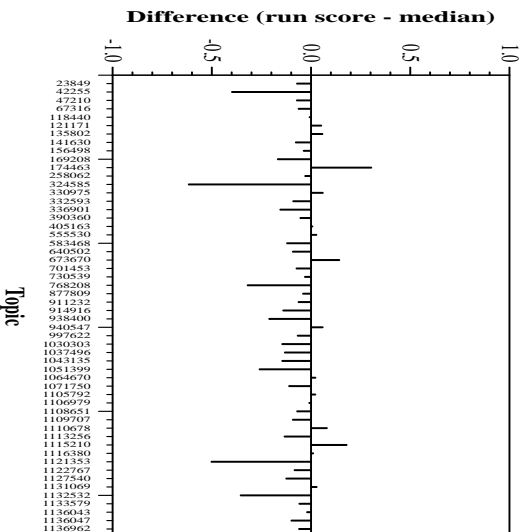
Run Description	
Run ID	CoRT-bm25
Task	Passage Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Unsupervised data/model; Used passage task training labels
ORCAS data used for something other than training?	No
Training cost?	- pretrained ALBERT model "alber-base-v2" <a href="https://huggingface.co/albert-base-v2">https://huggingface.co/albert-base-v2</a> - 36h of finetuning on a single RTX 2080 Ti

Overall measures		Document Level Averages	
Number of topics	54		Precision
Total number retrieved	54000	At 5 docs	0.5222
Total relevant	1666	At 10 docs	0.4370
Total relevant retrieved	1148	At 15 docs	0.3691
MAP	0.3611	At 20 docs	0.3306
Mean NDCG@10	0.5992	At 30 docs	0.2728
Mean NDCG@1000	0.6630	R-Precision	
Mean Reciprocal Rank	0.8372	Exact	0.3772

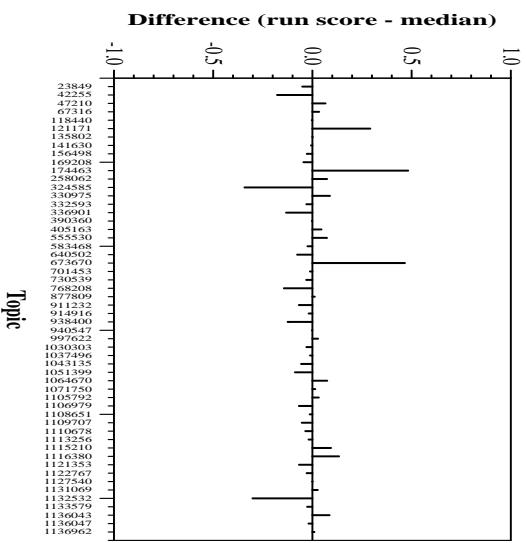




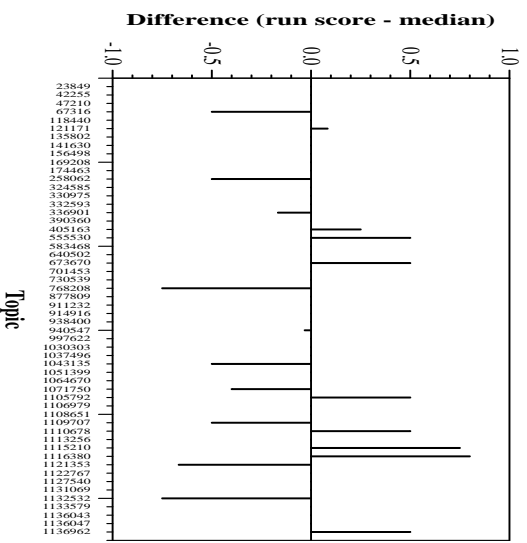
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



Per-topic difference from median for NDCG@1000 for Passage Ranking runs



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