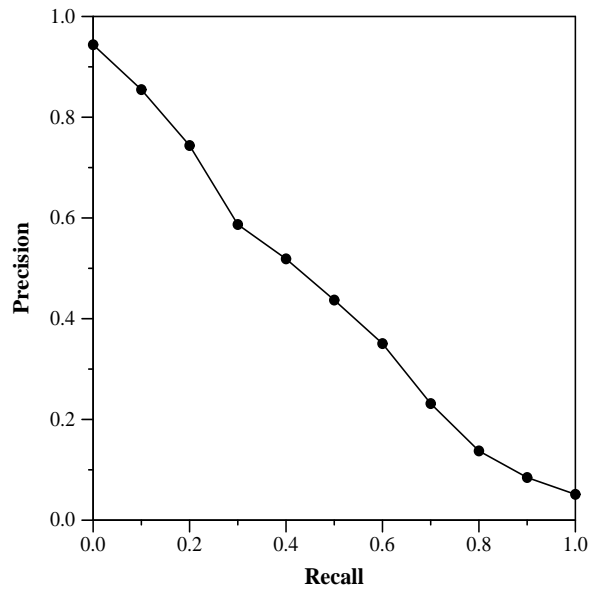
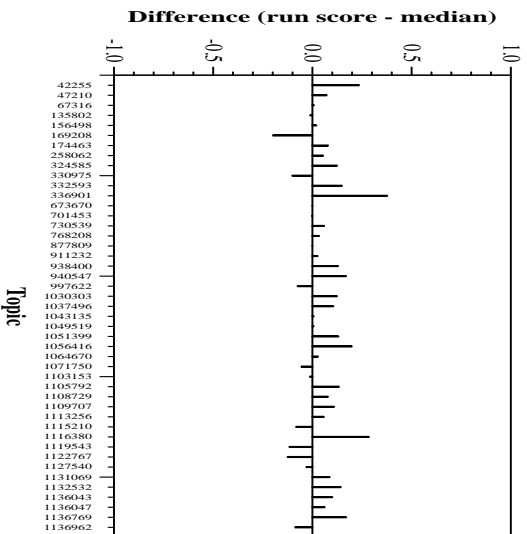


Deep Learning Track results — (bcai) Bosch Center for AI

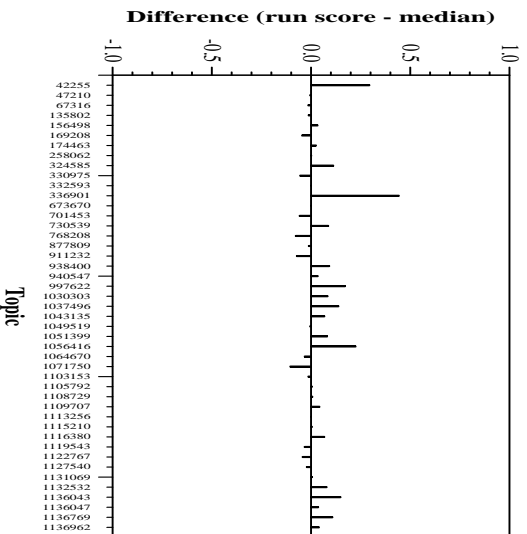
Run Description	
Run ID	bcai_bertb_docv
Task	Document Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used document task training labels
ORCAS data used for something other than training?	No
Training cost?	about 15-30 hours using four Titan 1080 TI GPUS

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4500	At 5 docs	0.7333
Total relevant	1767	At 10 docs	0.6356
Total relevant retrieved	886	At 15 docs	0.5407
MAP	0.4308	At 20 docs	0.4778
Mean NDCG@10	0.6278	At 30 docs	0.4074
Mean NDCG@100	0.6256	R-Precision	
Mean Reciprocal Rank	0.9259	Exact	0.4475

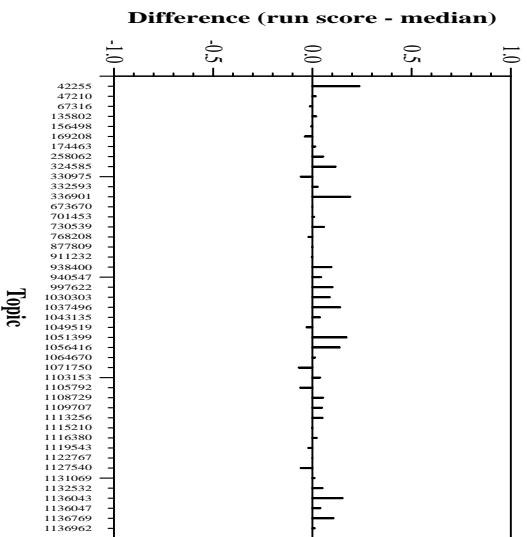




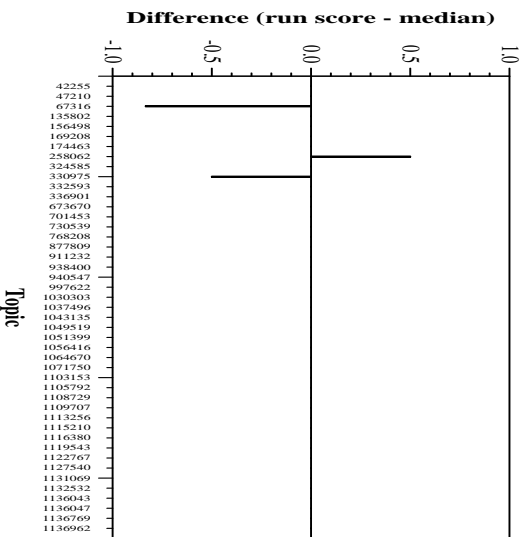
Per-topic difference from median for NDCG@10 for Document Ranking runs



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



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



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