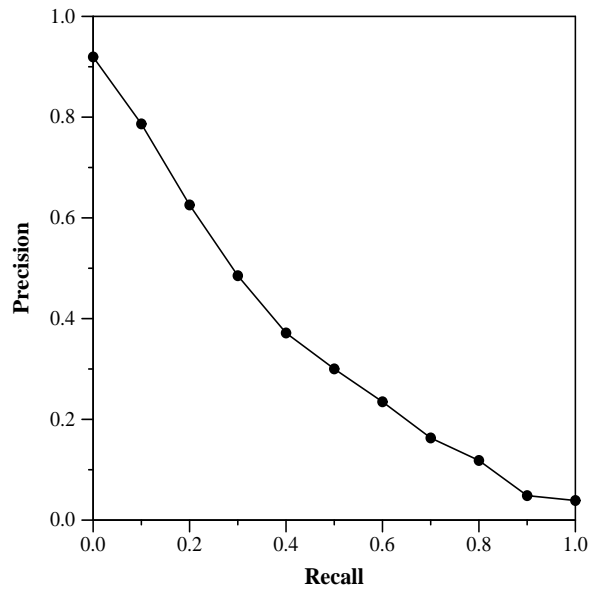
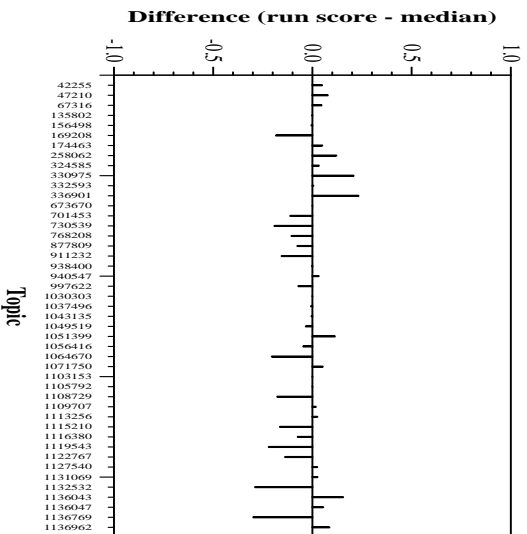


Deep Learning Track results — (UoGTr) University of Glasgow

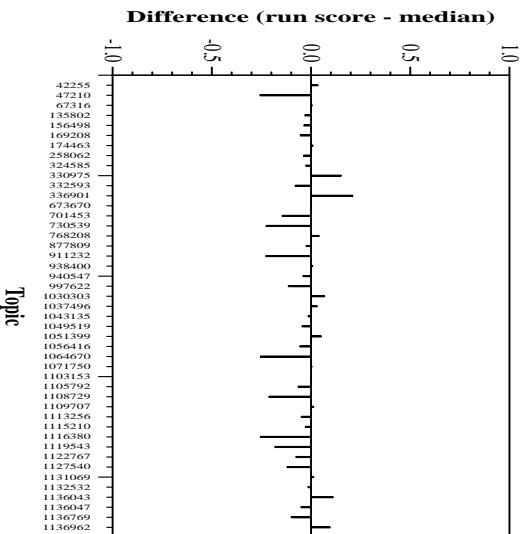
Run Description	
Run ID	uogTr31oR
Task	Document Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used passage task training labels; Used document task training labels; Used ORCAS data
ORCAS data used for something other than training?	No
Training cost?	Various BERT models were fine-tuned, some for several days on document task labels; ColBERT variants were trained for about 40,000 batches on passage labels - this takes about 5-8 hours. Learning to rank training, for about 1000 queries on document task labels, takes a few minutes.

Overall measures		Document Level Averages	
Number of topics	45		Precision
Total number retrieved	4455	At 5 docs	0.6978
Total relevant	1767	At 10 docs	0.5622
Total relevant retrieved	691	At 15 docs	0.4844
MAP	0.3468	At 20 docs	0.4367
Mean NDCG@10	0.5476	At 30 docs	0.3548
Mean NDCG@100	0.5284		
Mean Reciprocal Rank	0.8926		
		R-Precision	
		Exact	0.3743

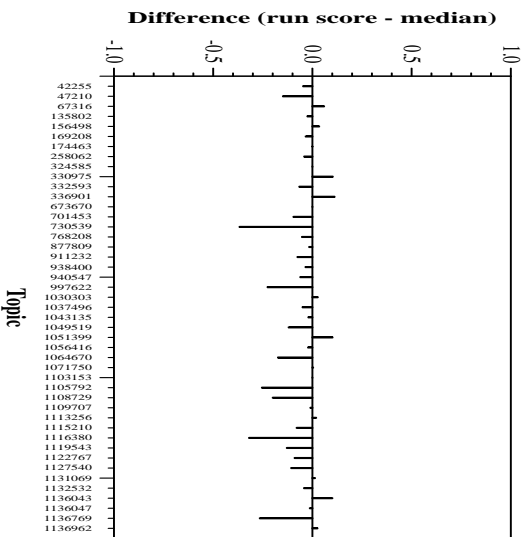




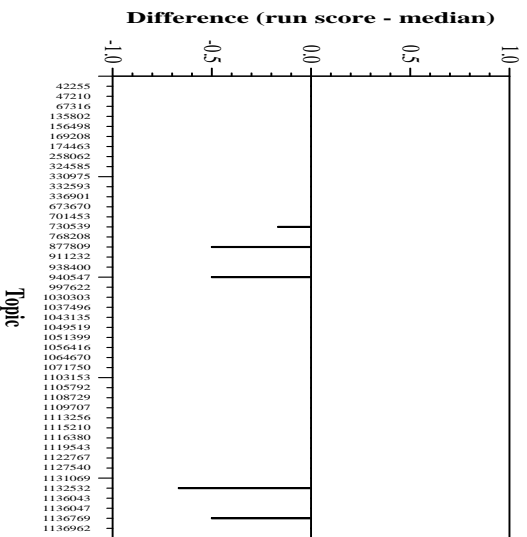
Per-topic difference from median for NDCG@10 for Document Ranking runs



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