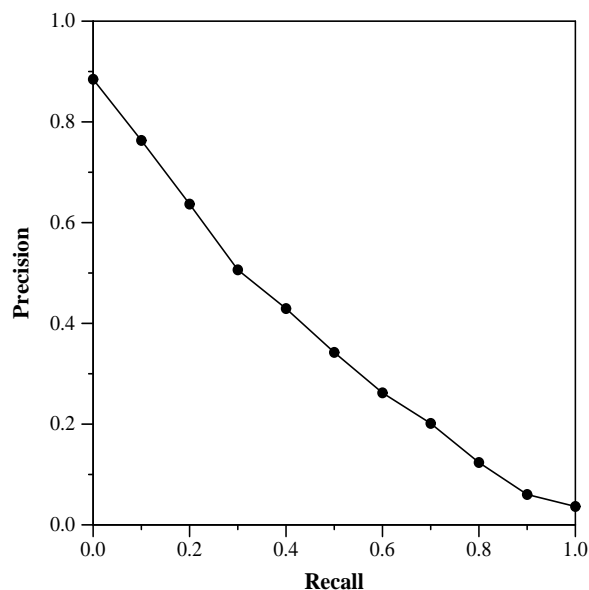
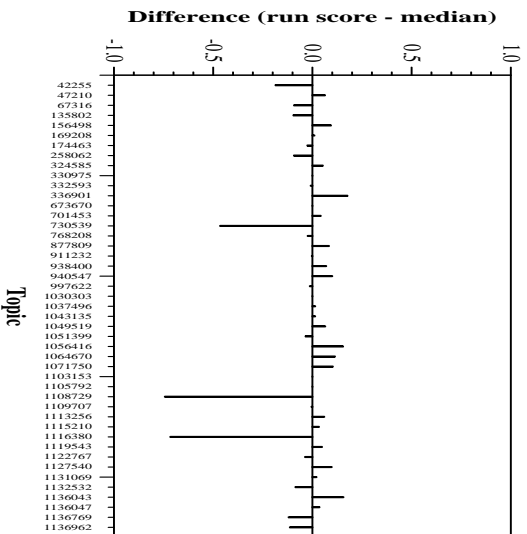


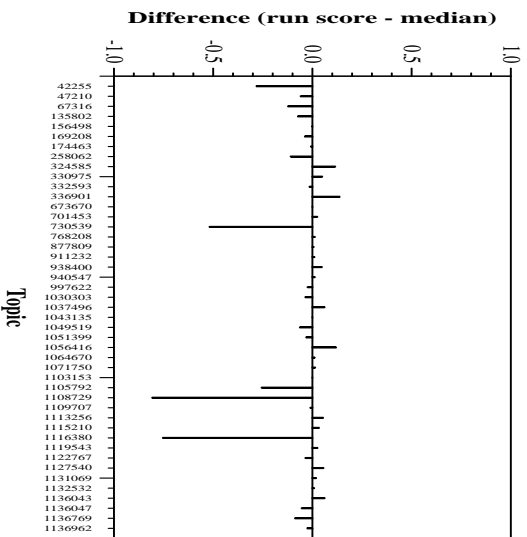
Run Description	
Run ID	uogTrT20
Task	Document Ranking
Subtask	Full ranking
Topic type	Automatic
Used deep nn model?	Yes
Type of training	Used passage task training labels; Used document task training labels
ORCAS data used for something other than training?	No
Training cost?	ColBERT variants were trained 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. This approach also makes use of TTTT by Lin et al.

Overall measures		Document Level Averages	
Number of topics	45	Precision	
Total number retrieved	4455	At 5 docs	0.6933
Total relevant	1767	At 10 docs	0.5667
Total relevant retrieved	726	At 15 docs	0.5052
MAP	0.3692	At 20 docs	0.4422
Mean NDCG@10	0.5453	At 30 docs	0.3637
Mean NDCG@100	0.5296	R-Precision	
Mean Reciprocal Rank	0.8711	Exact	0.3854

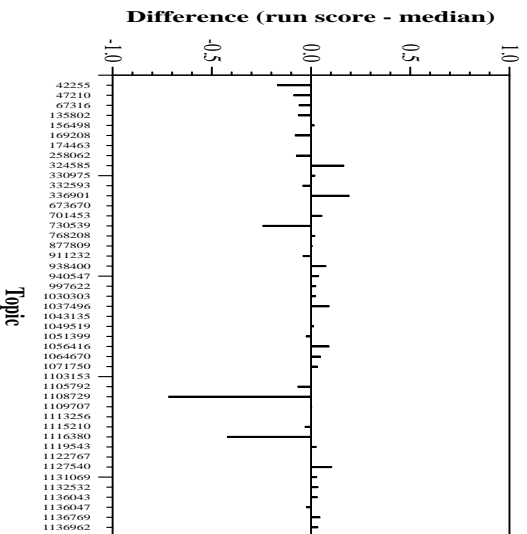




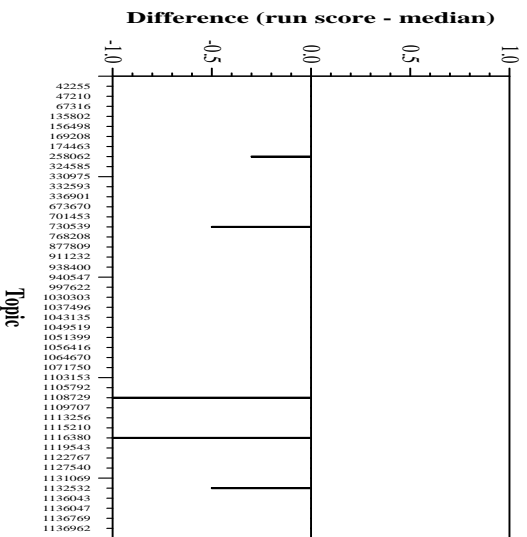
Per-topic difference from median for NDCG@10 for Document Ranking runs



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