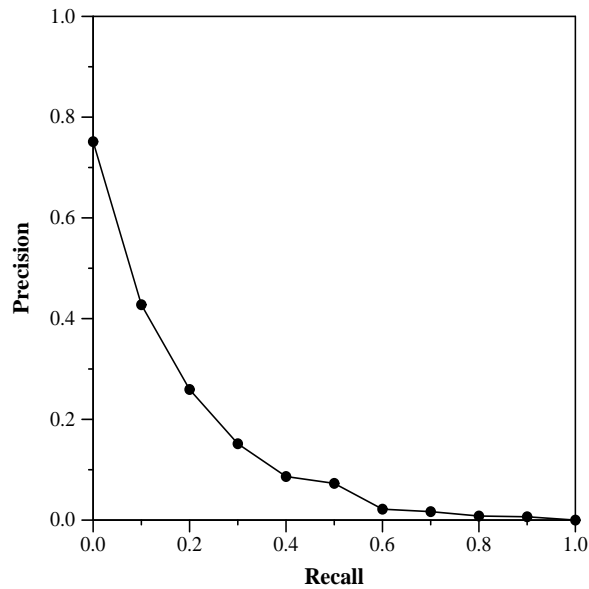
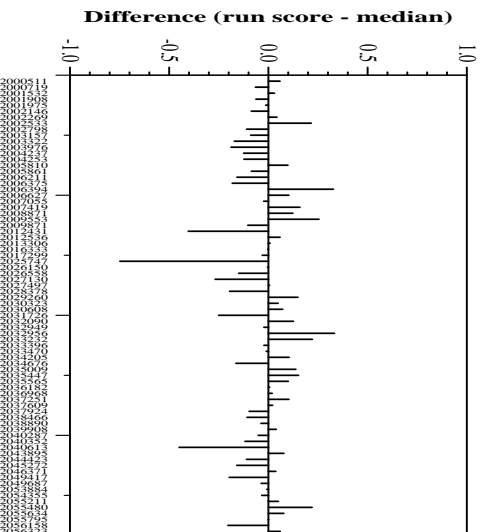


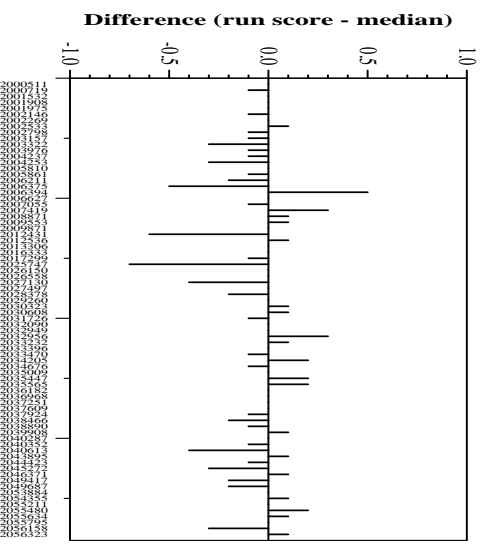
Run Description	
Run ID:	uogtr_c
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	Yes
Baseline run?	Yes
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	We use publicly available trained models. No new training costs were made for this submission.
Pre-processing/indexing cost:	ColBERT inference and indexing of msmarco-passages-v2; using CPU and GPU
Query processing cost:	ColBERT end-to-end; using CPU and GPU

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6583	At 5 docs	0.4684
Total relevant	4613	At 10 docs	0.3908
Total relevant retrieved	801	At 15 docs	0.3456
MAP	0.1319	At 20 docs	0.2980
Mean NDCG@10	0.5091	At 30 docs	0.2342
Mean Reciprocal Rank	0.7141		
		R-Precision	
		Exact	0.1902

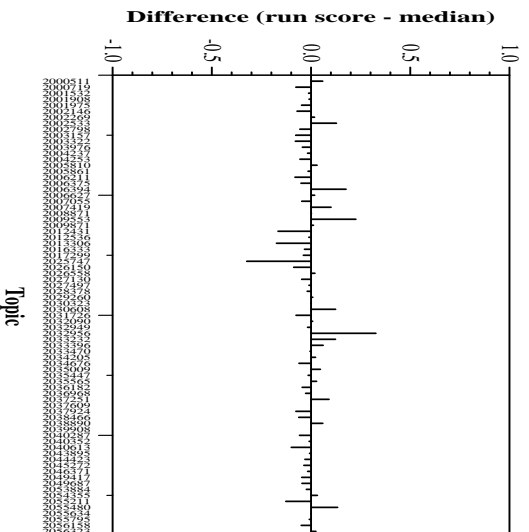




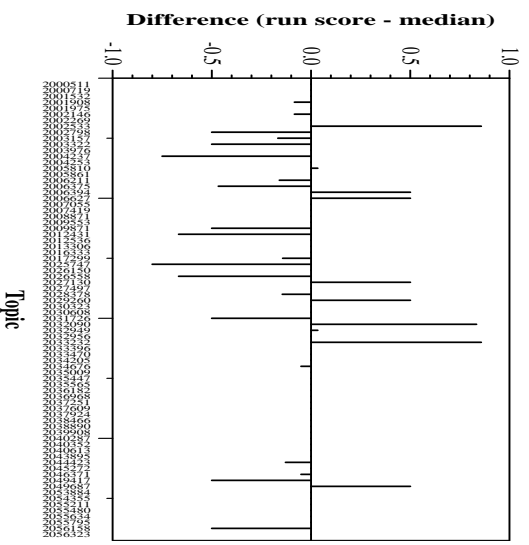
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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



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



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