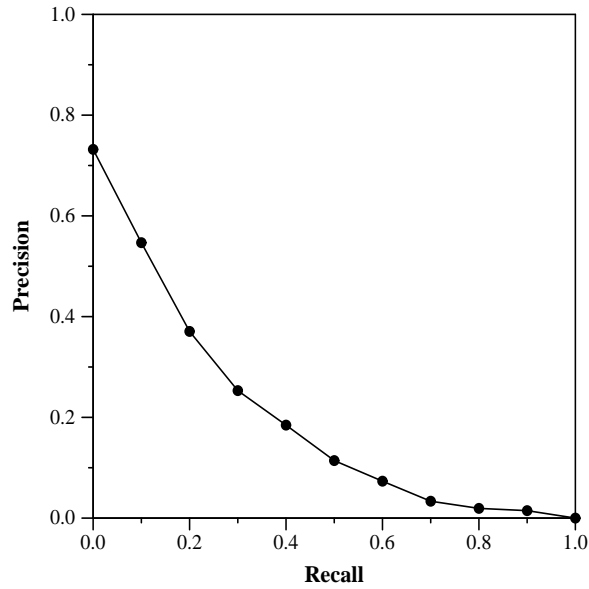
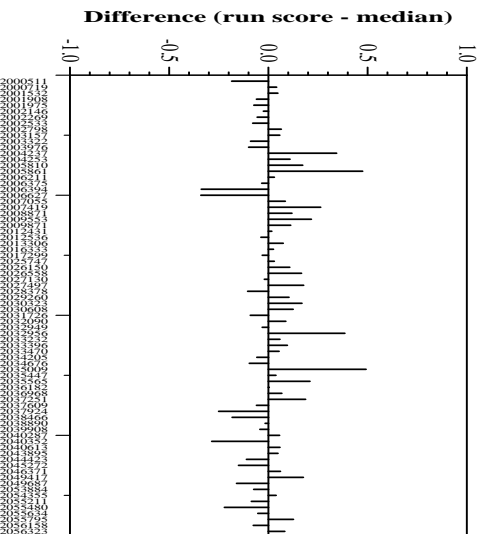


Deep Learning Track results — (UoGTr) University of Glasgow

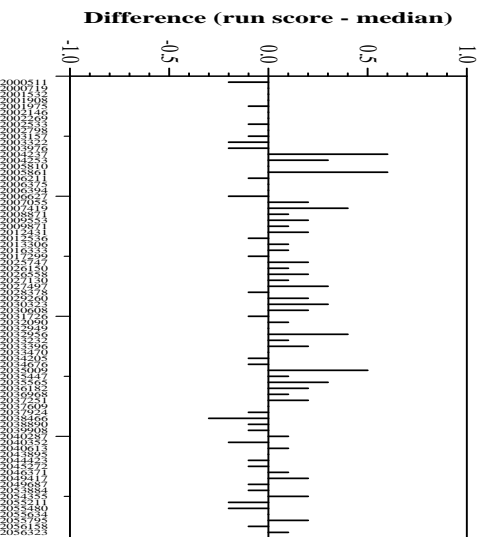
Run Description	
Run ID:	uogtr_s_cprf
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	No
Dense retrieval?	Yes
Baseline run?	No
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	We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

Overall measures		Document Level Averages	
Number of topics	76	Precision	
Total number retrieved	6618	At 5 docs	0.5289
Total relevant	4613	At 10 docs	0.4882
Total relevant retrieved	1317	At 15 docs	0.4333
MAP	0.1855	At 20 docs	0.3868
Mean NDCG@10	0.5572	At 30 docs	0.3215
Mean Reciprocal Rank	0.6817	R-Precision	
		Exact	0.2623

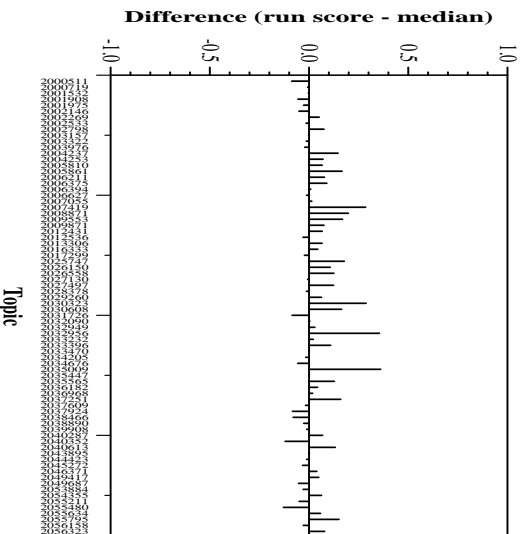




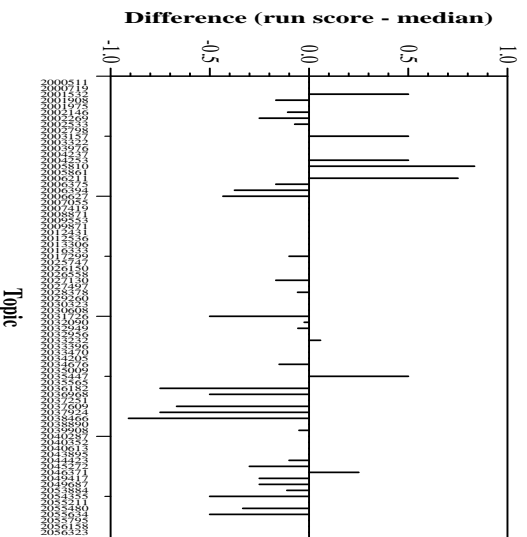
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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