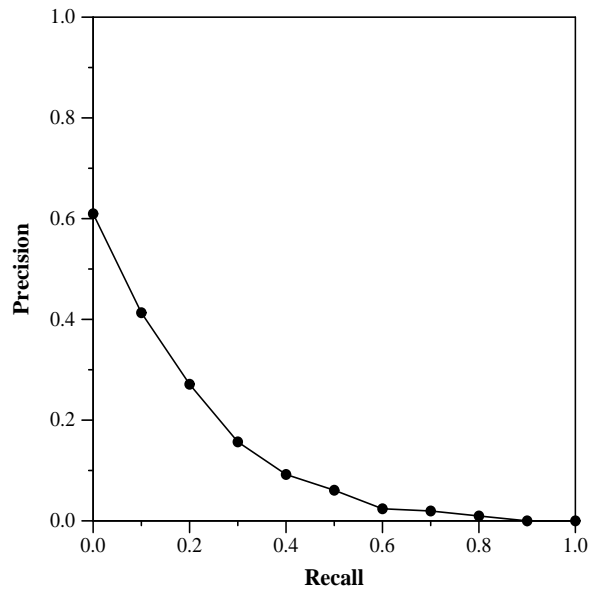
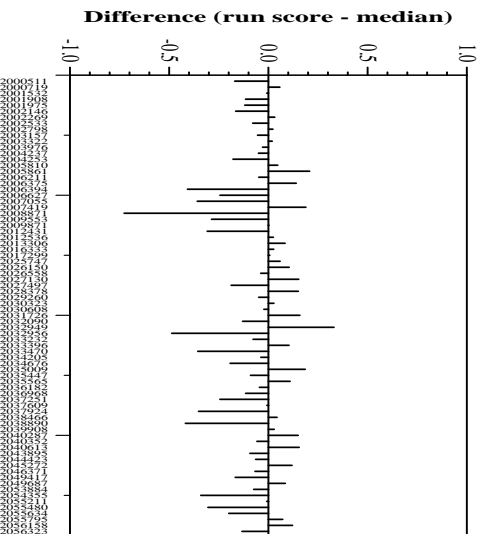


Deep Learning Track results — (h2oloo) University of Waterloo

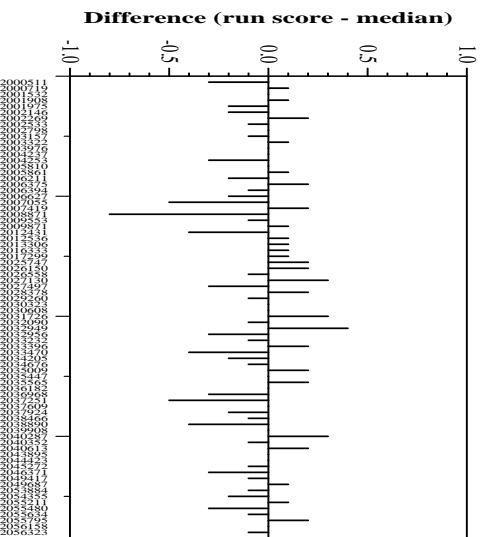
Run Description	
Run ID:	p_unicoil_exp_rocchio
Task:	Passage Ranking
Subtask:	Full ranking from the collection
Topic type:	Automatic
Single-stage retrieval?	Yes
Dense retrieval?	No
Baseline run?	Yes
Used deep nn model?	Pre-trained model
Type of training:	Previous year's MS MARCO training data
Training cost:	Training uniCOIL model.
Pre-processing/indexing cost:	Standard inverted indexing.
Query processing cost:	Query inference using uniCOIL model.

Overall measures		Document Level Averages	
Number of topics	76		Precision
Total number retrieved	6821	At 5 docs	0.4289
Total relevant	4613	At 10 docs	0.3868
Total relevant retrieved	1065	At 15 docs	0.3491
MAP	0.1277	At 20 docs	0.3072
Mean NDCG@10	0.4716	At 30 docs	0.2557
Mean Reciprocal Rank	0.5575	R-Precision	
		Exact	0.2001

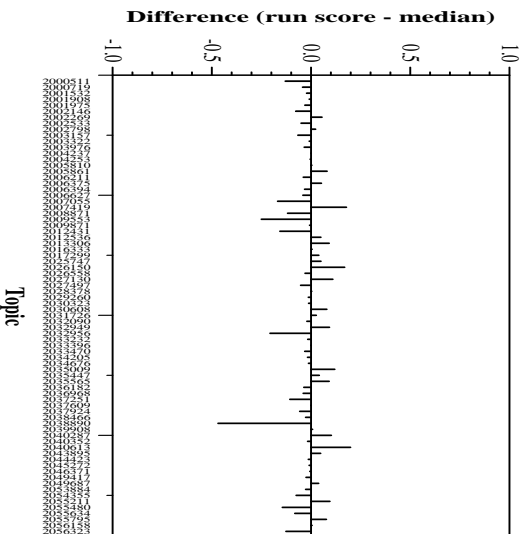




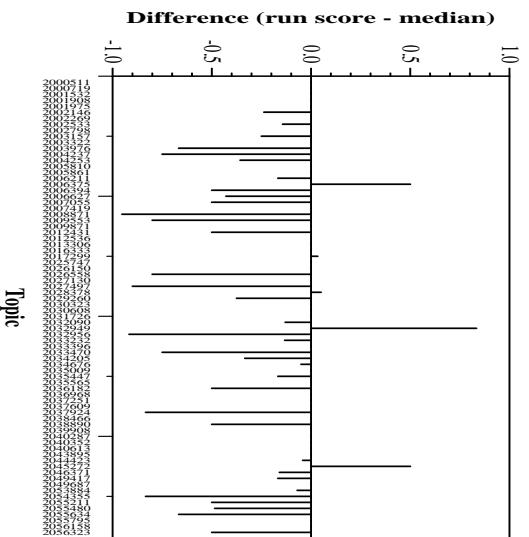
Per-topic difference from median for NDCG@10 for Passage Ranking runs



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