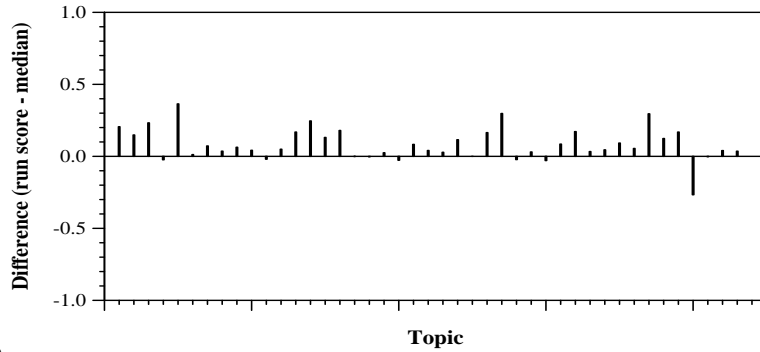
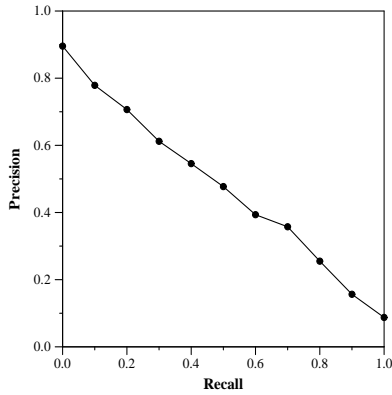


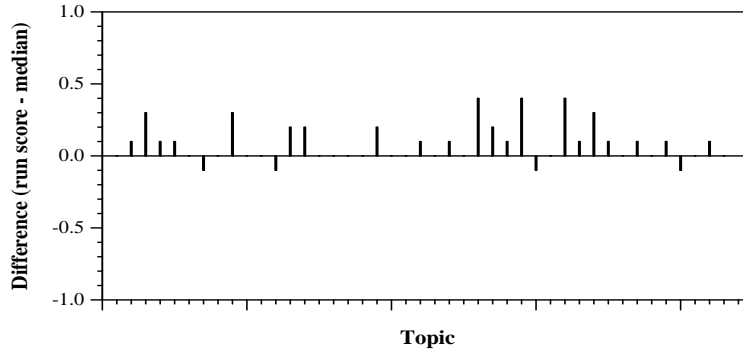
Deep Learning Track results — (h2oloo) University of Waterloo (Lin)

Run Description		Overall measures	
Run ID	p_bert	Number of topics	43
Task	Passage Ranking	Total number retrieved	43000
Subtask	Full ranking	Total relevant	2501
Topic type	Automatic	Total relevant retrieved	1741
Used deep nn model?	Yes	MAP	0.4677
Type of training	Used Passage training	Mean NDCG	0.6975

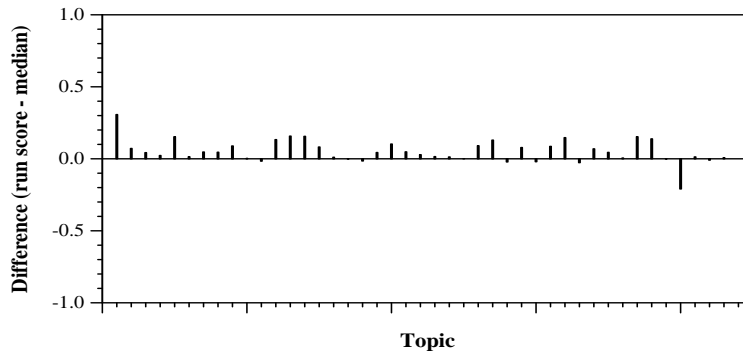
Document Level Averages	
	Precision
At 5 docs	0.6884
At 10 docs	0.6488
At 15 docs	0.6000
At 20 docs	0.5407
At 30 docs	0.4620
R-Precision	
Exact	0.4722



Per-topic difference from median AP for Passage runs



Per-topic difference from median P@10 for Passage runs



Per-topic difference from median NDCG for Passage runs