

Conversational Assistance Track results — (WaterlooClarke) University of Waterloo

Run Description	
Run ID	clarke-manual
Submission Category	Manually rewritten utterances
Query Method Features	method performs query expansion
Query Data Features	method uses data provided in the CAsT Y1 and/or Y2 datasets; method uses CAsT Y3 provided manually rewritten utterances
Passage Ranking Method Features	method uses only unsupervised retrieval; method uses non word-based model for retrieval; method uses a deep learning (neural) model; method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with CAsT Y1 and/or Y2 datasets; method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous manual utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	158		Precision
Total number retrieved	87687	At 5 docs	0.7494
Total relevant	5505	At 10 docs	0.6816
Total relevant retrieved	4850	At 15 docs	0.6127
Mean NDCG @ 3	0.6440	At 20 docs	0.5566
Mean NDCG @ 5	0.6382	At 30 docs	0.4648
Mean NDCG @ 500	0.7273		
MAP @ 500	0.4732		



