

Conversational Assistance Track results — (WaterlooClarke) University of Waterloo

Run Description	
Run ID	clarke-auto
Submission Category	Raw utterance only
Query Method Features	method performs query expansion; method performs generative query rewriting
Query Data Features	method uses data provided in the CAsT Y1 and/or Y2 datasets; method uses other external data
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 automatically rewritten utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	158		Precision
Total number retrieved	92891	At 5 docs	0.4646
Total relevant	5505	At 10 docs	0.4177
Total relevant retrieved	3775	At 15 docs	0.3840
Mean NDCG @ 3	0.3753	At 20 docs	0.3547
Mean NDCG @ 5	0.3685	At 30 docs	0.3044
Mean NDCG @ 500	0.4867		
MAP @ 500	0.2791		



