

Conversational Assistance Track results — (HBKU) Hamad Bin Khalifa University

Run Description	
Run ID	HBKU_CQR_TC
Submission Category	Raw utterance and canonical responses
Query Method Features	method performs query expansion; method performs generative query rewriting
Query Data Features	method uses other external data
Passage Ranking Method Features	method uses a pre-trained neural language model
Passage Ranking Data Features	method is trained with TREC Deep Learning Track and/or MS MARCO dataset
Conversational Context Features	method uses previous raw utterances (queries) in the topic; method uses previous automatic canonical result for the topic

Overall measures		Document Level Averages	
Number of topics	158		
Total number retrieved	114174		
Total relevant	5505		
Total relevant retrieved	3827		
Mean NDCG @ 3	0.4766	At 5 docs	0.5924
Mean NDCG @ 5	0.4714	At 10 docs	0.5291
Mean NDCG @ 500	0.5400	At 15 docs	0.4684
MAP @ 500	0.3225	At 20 docs	0.4177
		At 30 docs	0.3473



