

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

Run Description	
Run ID	HBKU_CQRHC_BM25
Submission Category	Raw utterance and canonical responses
Query Method Features	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	119522		
Total relevant	5505		
Total relevant retrieved	3192		
Mean NDCG @ 3	0.4708		
Mean NDCG @ 5	0.4654		
Mean NDCG @ 500	0.4904		
MAP @ 500	0.2956		
		Precision	
		At 5 docs	0.5873
		At 10 docs	0.5127
		At 15 docs	0.4468
		At 20 docs	0.3972
		At 30 docs	0.3300



