

Conversational Assistance Track results — (CMU-LTI) CMU Language Technologies Institute

Run Description	
Run ID	LTI-rewriter-g
Submission Category	Raw utterance and canonical responses
Query Method Features	method uses entity linking; 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	
Number of topics	158
Total number retrieved	124683
Total relevant	5505
Total relevant retrieved	2512
Mean NDCG @ 3	0.3688
Mean NDCG @ 5	0.3656
Mean NDCG @ 500	0.3860
MAP @ 500	0.2275

Document Level Averages	
	Precision
At 5 docs	0.4861
At 10 docs	0.4304
At 15 docs	0.3629
At 20 docs	0.3266
At 30 docs	0.2650



