

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

Run Description	
Run ID	LTI-entity-g
Submission Category	Manually rewritten utterances
Query Method Features	method uses entity linking
Query Data Features	method uses CAsT Y3 provided manually rewritten utterances; 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 manual utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	158		
Total number retrieved	126756		
Total relevant	5505		
Total relevant retrieved	2586		
Mean NDCG @ 3	0.4618		
Mean NDCG @ 5	0.4541		
Mean NDCG @ 500	0.4344		
MAP @ 500	0.2770		
			Precision
		At 5 docs	0.5848
		At 10 docs	0.5013
		At 15 docs	0.4253
		At 20 docs	0.3722
		At 30 docs	0.3011



