

Conversational Assistance Track results — (CMU-LTI) Carnegie Mellon University

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Run Description	
Run ID	PAS_BQUERY_MER
Submission Category	Raw utterance only
Query Method Features	method uses a standard NLP toolkit; method performs query expansion; method uses other query understanding method
Query Data Features	method uses data provided in the CASt Y1 dataset; method uses other external data
Passage Ranking Method Features	method uses a deep learning (neural) model; 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

Overall measures		Document Level Averages	
Number of topics	208		Precision
Total number retrieved	208000	At 5 docs	0.3827
Total relevant	6670	At 10 docs	0.3514
Total relevant retrieved	3709	At 15 docs	0.3125
Mean NDCG @ 3	0.3252	At 20 docs	0.2805
Mean NDCG @ 5	0.3056	At 30 docs	0.2378
Mean NDCG @ 1000	0.3808		
MAP	0.2004		



