

## Conversational Assistance Track results — (TKB48) University of Tsukuba

Run Description	
Run ID	hybrid_manual
Submission Category	Manually rewritten utterances
Query Method Features	method uses other query understanding method
Query Data Features	method uses CAsT Y3 provided manually rewritten utterances
Passage Ranking Method Features	method uses only unsupervised retrieval; method uses non word-based model for retrieval
Passage Ranking Data Features	
Conversational Context Features	method uses previous manual utterances (queries) in the topic

Overall measures		Document Level Averages	
Number of topics	158		
Total number retrieved	105026		
Total relevant	5505		
Total relevant retrieved	3911		
Mean NDCG @ 3	0.4380	At 5 docs	0.5418
Mean NDCG @ 5	0.4237	At 10 docs	0.4247
Mean NDCG @ 500	0.4670	At 15 docs	0.3464
MAP @ 500	0.2024	At 20 docs	0.2991
		At 30 docs	0.2401



