

Filtering track results — Carnegie Mellon Univ. (CAT)

Adaptive filtering runs

Run CMUCAT2		Run CMUCAT3	
Sub task	adaptive automatic	Sub task	adaptive automatic
Query construction	no	Query construction	no
.M field used?	yes	.M field used?	yes
TREC data used in training?	no	TREC data used in training?	yes
non-TREC data used ?	no	non-TREC data used ?	no
Optimized for	T9P	Optimized for	T9P
Topic set	MESH	Topic set	OHSU
Total retrieved	1312415	Total retrieved	9473
Relevant retrieved	146133	Relevant retrieved	1017
Macro average recall	0.210	Macro average recall	0.363
Macro average precision	0.359	Macro average precision	0.280
Mean T9P	0.303	Mean T9P	0.213
Mean Utility	-178.225	Mean Utility	-101.937
Mean T9U	-40.777	Mean T9U	-23.317
Mean scaled utility	-1.099	Mean scaled utility	-2.311
Zero returns	105	Zero returns	0

Run CMUCAT2		Run CMUCAT5	
Sub task	adaptive automatic	Sub task	adaptive automatic
Query construction	no	Query construction	yes
.M field used?	yes	.M field used?	yes
TREC data used in training?	no	TREC data used in training?	no
non-TREC data used ?	no	non-TREC data used ?	no
Optimized for	T9P	Optimized for	T9P
Topic set	MESH-SAMPLE	Topic set	OHSU
Total retrieved	146694	Total retrieved	11885
Relevant retrieved	14958	Relevant retrieved	1052
Macro average recall	0.214	Macro average recall	0.380
Macro average precision	0.364	Macro average precision	0.278
Mean T9P	0.304	Mean T9P	0.224
Mean Utility	-203.640	Mean Utility	-138.556
Mean T9U	-37.386	Mean T9U	-22.111
Mean scaled utility	-1.110	Mean scaled utility	-3.067
Zero returns	10	Zero returns	0

Run CMUCAT3		Run CMUCAT5	
Sub task	adaptive automatic	Sub task	adaptive automatic
Query construction	no	Query construction	yes
.M field used?	yes	.M field used?	yes
TREC data used in training?	yes	TREC data used in training?	yes
non-TREC data used ?	no	non-TREC data used ?	no
Optimized for	T9P	Optimized for	T9P
Topic set	OHSU	Topic set	OHSU
Total retrieved	9473	Total retrieved	11885
Relevant retrieved	1017	Relevant retrieved	1052
Macro average recall	0.363	Macro average recall	0.380
Macro average precision	0.280	Macro average precision	0.278
Mean T9P	0.213	Mean T9P	0.224
Mean Utility	-101.937	Mean Utility	-138.556
Mean T9U	-23.317	Mean T9U	-22.111
Mean scaled utility	-2.311	Mean scaled utility	-3.067
Zero returns	0	Zero returns	0