

Filtering track results — Microsoft Research Ltd

Adaptive filtering runs

Run ok9f1po		Run ok9flus	
Sub task		Sub task	
Query construction	adaptive automatic	Query construction	adaptive automatic
.M field used?	no	.M field used?	no
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	T9U
Topic set	OHSU	Topic set	MESH-SAMPLE
Total retrieved	3578	Total retrieved	34580
Relevant retrieved	1060	Relevant retrieved	19282
Macro average recall	0.388	Macro average recall	0.182
Macro average precision	0.294	Macro average precision	0.436
Mean T9P	0.294	Mean T9P	0.315
Mean Utility	-6.317	Mean Utility	46.532
Mean T9U	-6.317	Mean T9U	0.102
Mean scaled utility	-0.612	Mean scaled utility	0
Zero returns	0	Zero returns	0

Run ok9f2pm		Run ok9f2pm	
Sub task		Sub task	
Query construction	adaptive automatic	Query construction	adaptive automatic
.M field used?	no	.M field used?	no
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	OHSU	Topic set	MESH
Total retrieved	1747	Total retrieved	281191
Relevant retrieved	786	Relevant retrieved	117908
Macro average recall	0.253	Macro average recall	0.185
Macro average precision	0.346	Macro average precision	0.419
Mean T9P	0.212	Mean T9P	0.419
Mean Utility	9.698	Mean Utility	14.791
Mean T9U	9.698	Mean T9U	14.791
Mean scaled utility	-0.045	Mean scaled utility	0.013
Zero returns	0	Zero returns	0

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Run ok9f2pm		Run ok9f3uo	
Sub task		Sub task	
Query construction	adaptive automatic	Query construction	adaptive automatic
.M field used?	no	.M field used?	no
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	T9U
Topic set	MESH-SAMPLE	Topic set	OHSU
Total retrieved	28606	Total retrieved	1504
Relevant retrieved	12282	Relevant retrieved	727
Macro average recall	0.189	Macro average recall	0.212
Macro average precision	0.430	Macro average precision	0.330
Mean T9P	0.430	Mean T9P	0.190
Mean Utility	16.480	Mean Utility	10.746
Mean T9U	16.480	Mean T9U	40.104
Mean scaled utility	0.020	Mean scaled utility	0.008
Zero returns	0	Zero returns	0

Run ok9f3uo		Run ok9f3us	
Sub task		Sub task	
Query construction	adaptive automatic	Query construction	adaptive automatic
.M field used?	no	.M field used?	no
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	T9U
Topic set	OHSU	Topic set	MESH-SAMPLE
Total retrieved	3591	Total retrieved	2733
Relevant retrieved	1044	Relevant retrieved	15795
Macro average recall	0.383	Macro average recall	0.162
Macro average precision	0.288	Macro average precision	0.441
Mean T9P	0.288	Mean T9P	0.286
Mean Utility	-7.286	Mean Utility	40.104
Mean T9U	-7.286	Mean T9U	40.104
Mean scaled utility	-0.606	Mean scaled utility	0.098
Zero returns	0	Zero returns	0