

## Round 1 results — Run ixa-ir-filter-query submitted from ixa

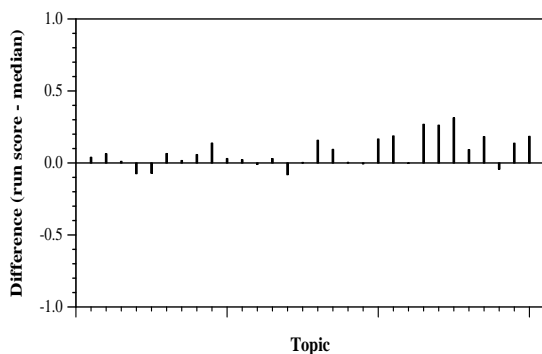
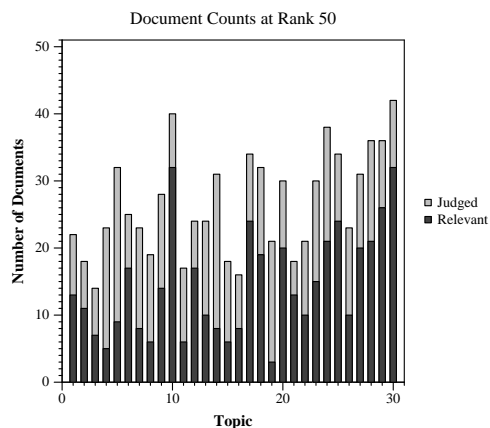
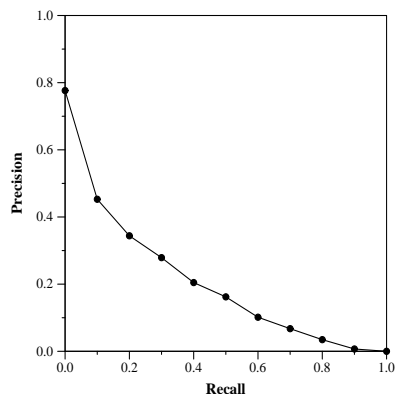
### Run Description

- Whoosh library of Python to implement the indexing and searching engines. - Only papers related to COVID-19 (not other coronaviruses like SARS-CoV and MERS) are indexed. For that purpose, we created a list of synonyms of COVID-19, and we check if a synonym appears in the title or the abstract of a paper. - Abstracts and full text provided in PMC or PDF JSON format are indexed. The indexing unit will be an abstract or each of the paragraphs of the full text (as marked in JSON files). - BM25F scoring algorithm. - Content fo "query" field of the topics is used to query. - All automatic

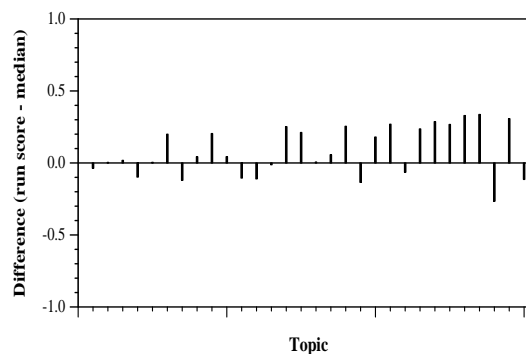
Summary Statistics	
Run ID	ixa-ir-filter-query
Topic type	automatic
Contributed to judgment sets?	yes

Overall measures	
Number of topics	30
Total number retrieved	30000
Total relevant	2352
Total relevant retrieved	1287
MAP	0.1965
Mean Bpref	0.4000
Mean NDCG@10	0.4400

Document Level Averages	
	Precision
At 5 docs	0.5667
At 10 docs	0.4900
At 15 docs	0.4578
At 20 docs	0.4117
At 30 docs	0.3622
R-Precision	
Exact	0.2641



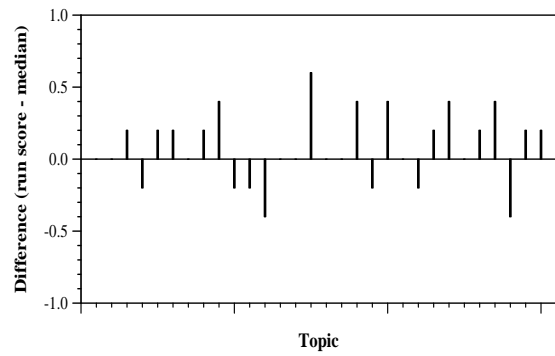
Per-topic difference from median bpref for all Round 1 runs



Per-topic difference from median NDCG@10 for all Round 1 runs

Round 1 results — Run `ixa-ir-filter-query` submitted from `ixa`

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Per-topic difference from median P@5 for all Round 1 runs