Terabyte Track results — Carnegie Mellon University, Distributed IR group (CMU-DIR)

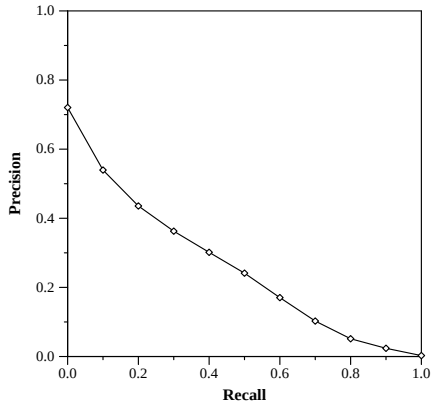
Summary Statistics	
Run ID	cmutufs2500
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	1200 min.
Time to retrieve top 20 per query	240 sec.
System RAM	2 GB
Size of on-disk structures	245 GB
Approx system cost	$5000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	5899

Recall Level Averages	
Recall	Precision
0.00	0.7204
0.10	0.5395
0.20	0.4356
0.30	0.3627
0.40	0.3015
0.50	0.2412
0.60	0.1704
0.70	0.1026
0.80	0.0514
0.90	0.0238
1.00	0.0027

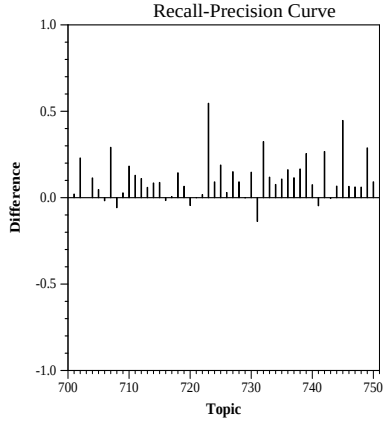
Mean average precision	
non-interpolated	0.2481

Document Level Averages	
	Precision
At 5 docs	0.5918
At 10 docs	0.5408
At 15 docs	0.5265
At 20 docs	0.5020
At 30 docs	0.4850
At 100 docs	0.3878
At 200 docs	0.3008
At 500 docs	0.1881
At 1000 docs	0.1204

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3144



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — Carnegie Mellon University, Distributed IR group (CMU-DIR)

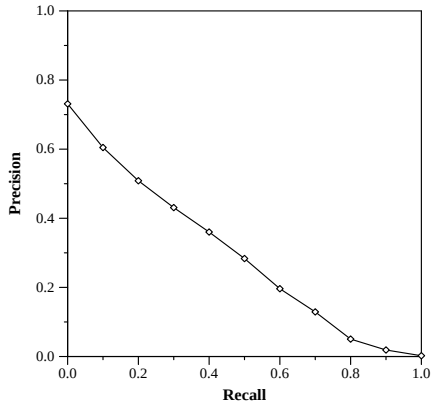
Summary Statistics	
Run ID	cmuapfs2500
Run Type	automatic
Fields Used	title, description, narrative
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	1200 min.
Time to retrieve top 20 per query	600 sec.
System RAM	2 GB
Size of on-disk structures	245 GB
Approx system cost	$5000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6398

Recall Level Averages	
Recall	Precision
0.00	0.7311
0.10	0.6047
0.20	0.5086
0.30	0.4309
0.40	0.3602
0.50	0.2835
0.60	0.1962
0.70	0.1291
0.80	0.0504
0.90	0.0189
1.00	0.0023

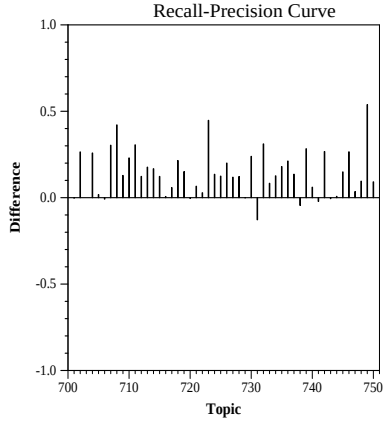
Mean average precision	
non-interpolated	0.2843

Document Level Averages	
	Precision
At 5 docs	0.5755
At 10 docs	0.5714
At 15 docs	0.5973
At 20 docs	0.5735
At 30 docs	0.5463
At 100 docs	0.4427
At 200 docs	0.3365
At 500 docs	0.2093
At 1000 docs	0.1306

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3545



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — Carnegie Mellon University, Distributed IR group (CMU-DIR)

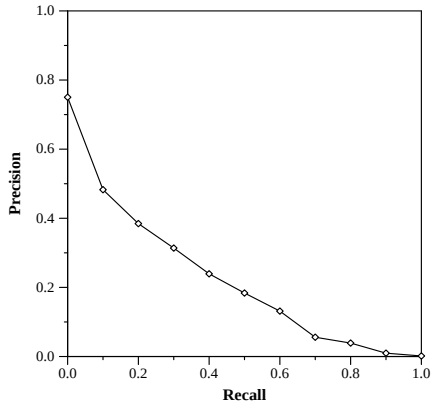
Summary Statistics	
Run ID	cmutuns2500
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	1200 min.
Time to retrieve top 20 per query	75 sec.
System RAM	2 GB
Size of on-disk structures	245 GB
Approx system cost	$5000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	5403

Recall Level Averages	
Recall	Precision
0.00	0.7502
0.10	0.4827
0.20	0.3846
0.30	0.3138
0.40	0.2393
0.50	0.1837
0.60	0.1314
0.70	0.0558
0.80	0.0389
0.90	0.0097
1.00	0.0016

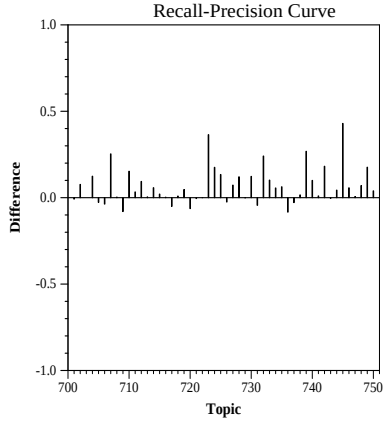
Mean average precision	
non-interpolated	0.2071

Document Level Averages	
	Precision
At 5 docs	0.5510
At 10 docs	0.4959
At 15 docs	0.4735
At 20 docs	0.4602
At 30 docs	0.4204
At 100 docs	0.3355
At 200 docs	0.2716
At 500 docs	0.1716
At 1000 docs	0.1103

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.2812



Recall-Precision Curve



Difference from Median Average Precision per Topic