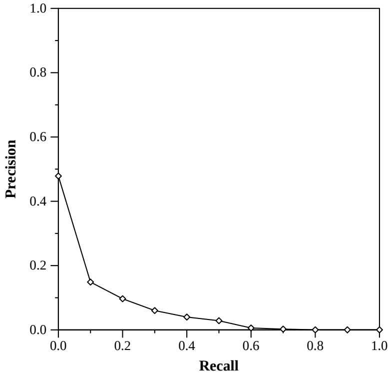
Terabyte Track results, adhoc search task — University of Alaska Fairbanks

ctfadhocaf1	
Run Type	automatic
Fields Used	title
Links/Anchor text/Structure used	none
Number of Topics:	50
	Total number of documents over all topics
Retrieved:	50000
Relevant:	10407
Rel-ret:	2205

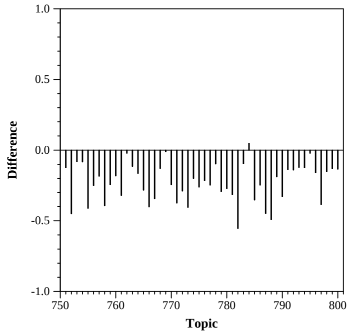
% of collection indexed	99%	Number of CPUs	8
Indexing time	2335 min.	System RAM	16 GB
Avg. time to retrieve top 20	27 sec.	Approx. system cost	$60000
Total processing time	15100 sec.	Year of system purchase	2004
Size of on-disk structures	265 GB		

Recall Level Averages	
Recall	Precision
0.00	0.4785
0.10	0.1487
0.20	0.0968
0.30	0.0601
0.40	0.0399
0.50	0.0285
0.60	0.0059
0.70	0.0024
0.80	0.0002
0.90	0.0002
1.00	0.0002
Mean average precision	
non-interpolated	0.0499

Document Level Averages	
	Precision
At 5 docs	0.2440
At 10 docs	0.2080
At 15 docs	0.1893
At 20 docs	0.1880
At 30 docs	0.1647
At 100 docs	0.1126
At 200 docs	0.0904
At 500 docs	0.0618
At 1000 docs	0.0441
R-Precision	0.1001
bpref	0.1370



Recall-Precision Curve



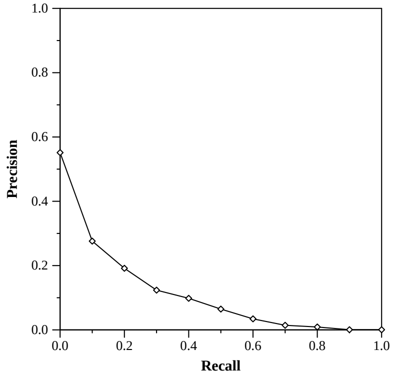
Difference from Median Average Precision per Topic

ctfadhocluc1	
Run Type	automatic
Fields Used	title
Links/Anchor text/Structure used	none
Number of Topics:	50
	Total number of documents over all topics
Retrieved:	50000
Relevant:	10407
Rel-ret:	3803

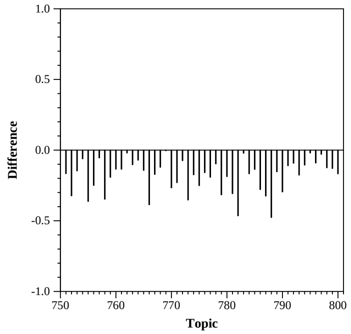
% of collection indexed	99%	Number of CPUs	8
Indexing time	9904 min.	System RAM	16 GB
Avg. time to retrieve top 20	2 sec.	Approx. system cost	$60000
Total processing time	4370 sec.	Year of system purchase	2004
Size of on-disk structures	43 GB		

Recall Level Averages	
Recall	Precision
0.00	0.5514
0.10	0.2761
0.20	0.1916
0.30	0.1236
0.40	0.0982
0.50	0.0647
0.60	0.0343
0.70	0.0143
0.80	0.0090
0.90	0.0005
1.00	0.0005
Mean average precision	
non-interpolated	0.0983

Document Level Averages	
	Precision
At 5 docs	0.2960
At 10 docs	0.2800
At 15 docs	0.2813
At 20 docs	0.2770
At 30 docs	0.2693
At 100 docs	0.2196
At 200 docs	0.1705
At 500 docs	0.1129
At 1000 docs	0.0761
R-Precision	0.1709
bpref	0.1667



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results, adhoc search task — University of Alaska Fairbanks

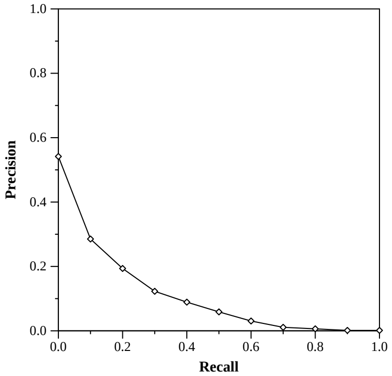
ctfm1

ctfm1	
Run Type	automatic
Fields Used	title
Links/Anchor text/Structure used	none
Number of Topics:	50
	Total number of documents over all topics
Retrieved:	50000
Relevant:	10407
Rel-ret:	3825

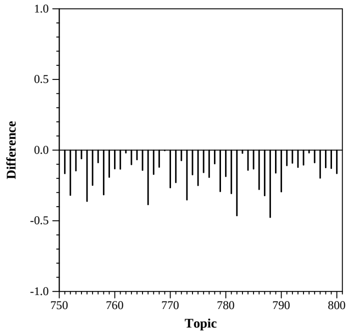
% of collection indexed	99%	Number of CPUs	8
Indexing time	12240 min.	System RAM	16 GB
Avg. time to retrieve top 20	28 sec.	Approx. system cost	$60000
Total processing time	19500 sec.	Year of system purchase	2004
Size of on-disk structures	308 GB		

Recall Level Averages	
Recall	Precision
0.00	0.5416
0.10	0.2852
0.20	0.1937
0.30	0.1228
0.40	0.0891
0.50	0.0588
0.60	0.0305
0.70	0.0109
0.80	0.0062
0.90	0.0013
1.00	0.0013
Mean average precision	
non-interpolated	0.0969

Document Level Averages	
	Precision
At 5 docs	0.2920
At 10 docs	0.2820
At 15 docs	0.2773
At 20 docs	0.2740
At 30 docs	0.2673
At 100 docs	0.2200
At 200 docs	0.1700
At 500 docs	0.1132
At 1000 docs	0.0765
R-Precision	0.1703
bpref	0.1657



Recall-Precision Curve



Difference from Median Average Precision per Topic

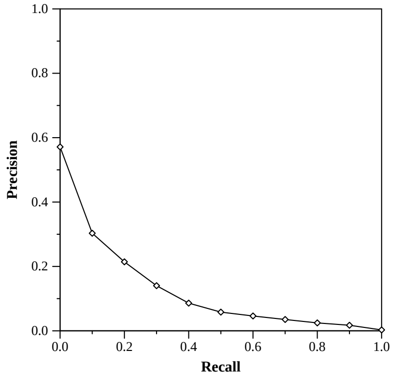
ctfm2

ctfm2	
Run Type	manual
Fields Used	
Links/Anchor text/Structure used	none
Number of Topics:	50
	Total number of documents over all topics
Retrieved:	44405
Relevant:	10407
Rel-ret:	3610

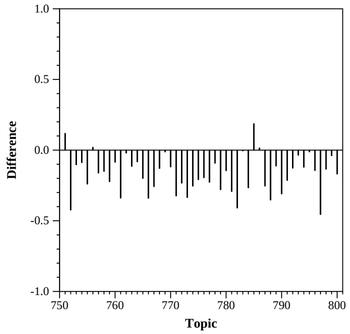
% of collection indexed	99%	Number of CPUs	8
Indexing time	12240 min.	System RAM	16 GB
Avg. time to retrieve top 20	30 sec.	Approx. system cost	$60000
Total processing time	7000 sec.	Year of system purchase	2004
Size of on-disk structures	308 GB		

Recall Level Averages	
Recall	Precision
0.00	0.5713
0.10	0.3031
0.20	0.2143
0.30	0.1402
0.40	0.0860
0.50	0.0581
0.60	0.0461
0.70	0.0352
0.80	0.0246
0.90	0.0173
1.00	0.0028
Mean average precision	
non-interpolated	0.1116

Document Level Averages	
	Precision
At 5 docs	0.3280
At 10 docs	0.3140
At 15 docs	0.3307
At 20 docs	0.3210
At 30 docs	0.3140
At 100 docs	0.2608
At 200 docs	0.1858
At 500 docs	0.1120
At 1000 docs	0.0722
R-Precision	0.1800
bpref	0.1812



Recall-Precision Curve



Difference from Median Average Precision per Topic