Terabyte Track results — University of Massachusetts

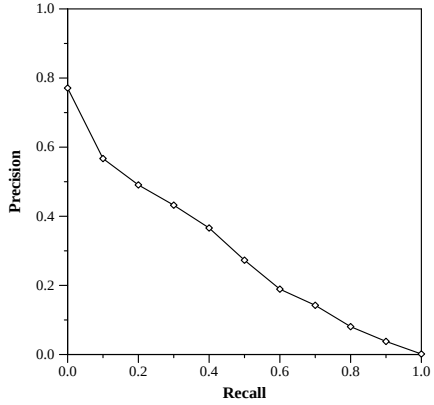
Summary Statistics	
Run ID	indri04AWRM
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	355 min.
Time to retrieve top 20 per query	39 sec.
System RAM	12 GB
Size of on-disk structures	224 GB
Approx system cost	$9000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6691

Recall Level Averages	
Recall	Precision
0.00	0.7710
0.10	0.5670
0.20	0.4907
0.30	0.4321
0.40	0.3661
0.50	0.2729
0.60	0.1891
0.70	0.1424
0.80	0.0806
0.90	0.0379
1.00	0.0015

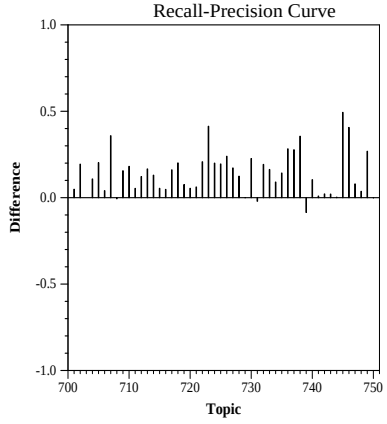
Mean average precision	
non-interpolated	0.2838

Document Level Averages	
	Precision
At 5 docs	0.5592
At 10 docs	0.5510
At 15 docs	0.5170
At 20 docs	0.5133
At 30 docs	0.5068
At 100 docs	0.4184
At 200 docs	0.3326
At 500 docs	0.2129
At 1000 docs	0.1366

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3480



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — University of Massachusetts

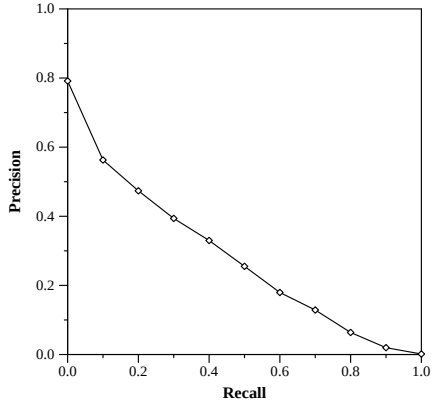
Summary Statistics	
Run ID	indri04AW
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	355 min.
Time to retrieve top 20 per query	7 sec.
System RAM	12 GB
Size of on-disk structures	224 GB
Approx system cost	$9000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6581

Recall Level Averages	
Recall	Precision
0.00	0.7915
0.10	0.5628
0.20	0.4737
0.30	0.3938
0.40	0.3299
0.50	0.2552
0.60	0.1795
0.70	0.1288
0.80	0.0638
0.90	0.0198
1.00	0.0015

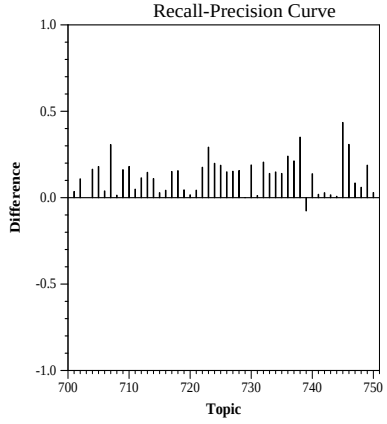
Mean average precision	
non-interpolated	0.2686

Document Level Averages	
	Precision
At 5 docs	0.6041
At 10 docs	0.5735
At 15 docs	0.5456
At 20 docs	0.5265
At 30 docs	0.5068
At 100 docs	0.4067
At 200 docs	0.3183
At 500 docs	0.2055
At 1000 docs	0.1343

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3357



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — University of Massachusetts

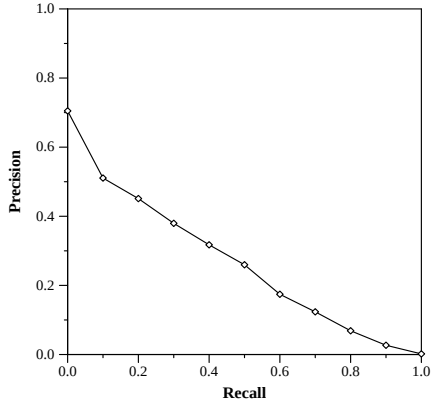
Summary Statistics	
Run ID	indri04QLRM
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	355 min.
Time to retrieve top 20 per query	26 sec.
System RAM	12 GB
Size of on-disk structures	224 GB
Approx system cost	$9000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6469

Recall Level Averages	
Recall	Precision
0.00	0.7049
0.10	0.5106
0.20	0.4512
0.30	0.3796
0.40	0.3174
0.50	0.2597
0.60	0.1743
0.70	0.1235
0.80	0.0687
0.90	0.0268
1.00	0.0018

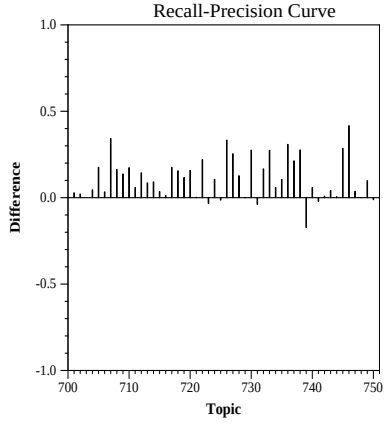
Mean average precision	
non-interpolated	0.2531

Document Level Averages	
	Precision
At 5 docs	0.4857
At 10 docs	0.4714
At 15 docs	0.4816
At 20 docs	0.4786
At 30 docs	0.4694
At 100 docs	0.3831
At 200 docs	0.3068
At 500 docs	0.1986
At 1000 docs	0.1320

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3182



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — University of Massachusetts

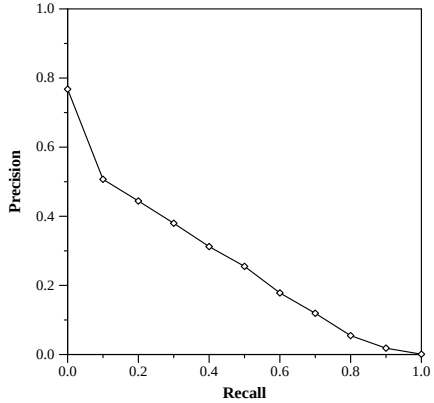
Summary Statistics	
Run ID	indri04QL
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed
Time to index	355 min.
Time to retrieve top 20 per query	1 sec.
System RAM	12 GB
Size of on-disk structures	224 GB
Approx system cost	$9000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6495

Recall Level Averages	
Recall	Precision
0.00	0.7677
0.10	0.5070
0.20	0.4442
0.30	0.3798
0.40	0.3123
0.50	0.2551
0.60	0.1782
0.70	0.1193
0.80	0.0547
0.90	0.0184
1.00	0.0009

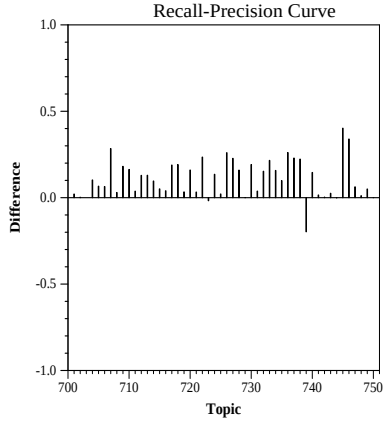
Mean average precision	
non-interpolated	0.2515

Document Level Averages	
	Precision
At 5 docs	0.5184
At 10 docs	0.4959
At 15 docs	0.4653
At 20 docs	0.4612
At 30 docs	0.4517
At 100 docs	0.3806
At 200 docs	0.3073
At 500 docs	0.2027
At 1000 docs	0.1326

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3163



Recall-Precision Curve



Difference from Median Average Precision per Topic

Terabyte Track results — University of Massachusetts

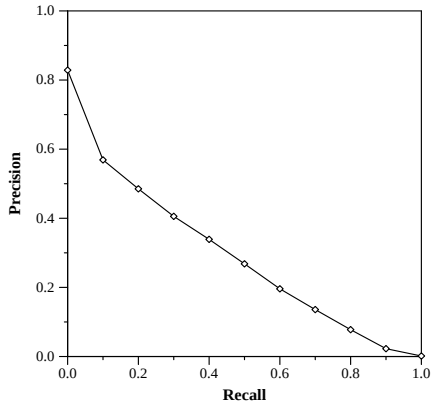
Summary Statistics	
Run ID	indri04FAW
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-AnchorTextUsed-DocStructUsed
Time to index	1300 min.
Time to retrieve top 20 per query	52 sec.
System RAM	12 GB
Size of on-disk structures	226 GB
Approx system cost	$9000
Number of Topics:	49
	Total number of documents over all topics
Retrieved:	49000
Relevant:	10617
Rel-ret:	6709

Recall Level Averages	
Recall	Precision
0.00	0.8286
0.10	0.5689
0.20	0.4852
0.30	0.4056
0.40	0.3390
0.50	0.2682
0.60	0.1959
0.70	0.1358
0.80	0.0777
0.90	0.0227
1.00	0.0015

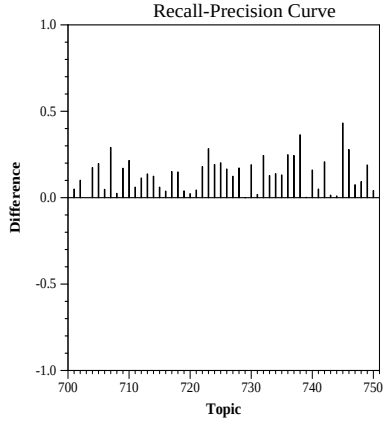
Mean average precision	
non-interpolated	0.2787

Document Level Averages	
	Precision
At 5 docs	0.6041
At 10 docs	0.5837
At 15 docs	0.5605
At 20 docs	0.5439
At 30 docs	0.5143
At 100 docs	0.4139
At 200 docs	0.3274
At 500 docs	0.2104
At 1000 docs	0.1369

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.3396



Recall-Precision Curve



Difference from Median Average Precision per Topic