Terabyte Track results — Dublin City University

Summary Statistics	
Run ID	DcuTB04Ucd1
Run Type	automatic
Fields Used	title, description, narrative
Run Description	NoLinksUsed-AnchorTextUsed-NoDocStructUsed
Time to index	53025 min.
Time to retrieve top 20 per query	84 sec.
System RAM	9 GB
Size of on-disk structures	65 GB
Approx system cost	$18250
Number of Topics:	49
Total number of documents over all topics	
Retrieved:	49000
Relevant:	10617
Rel-ret:	3060

Recall Level Averages	
Recall	Precision
0.00	0.4457
0.10	0.2167
0.20	0.1497
0.30	0.1108
0.40	0.0802
0.50	0.0407
0.60	0.0275
0.70	0.0129
0.80	0.0028
0.90	0.0000
1.00	0.0000

Mean average precision	
non-interpolated	0.0762

Document Level Averages	
	Precision
At 5 docs	0.2571
At 10 docs	0.2347
At 15 docs	0.2367
At 20 docs	0.2306
At 30 docs	0.2190
At 100 docs	0.1753
At 200 docs	0.1311
At 500 docs	0.0870
At 1000 docs	0.0624

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.1306

Recall-Precision Curve

Difference from Median Average Precision per Topic

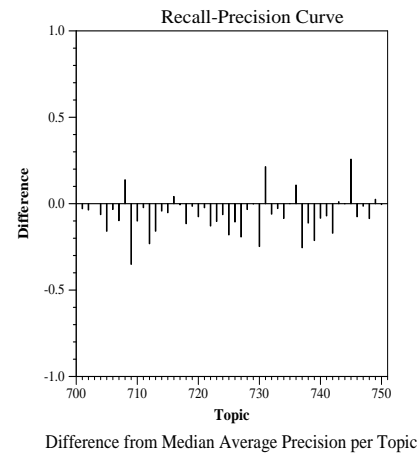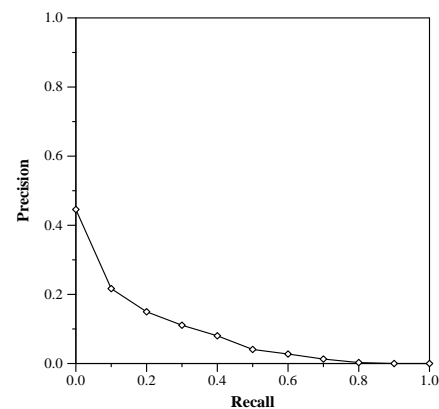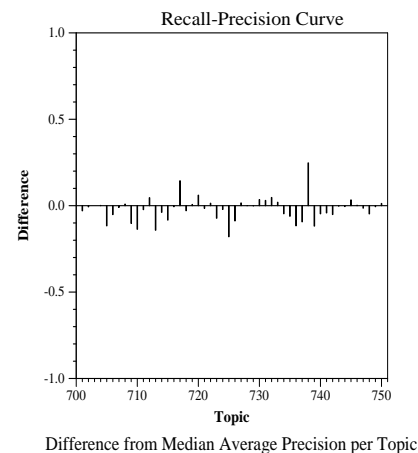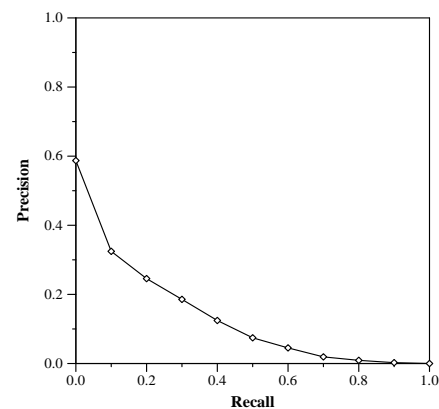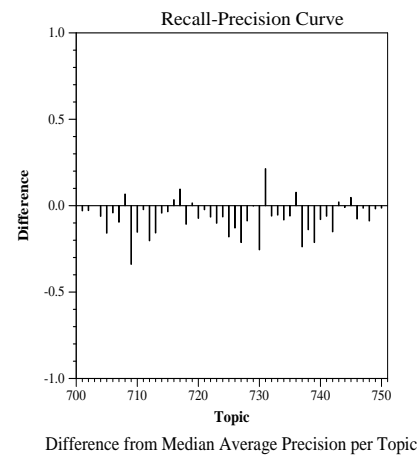# Terabyte Track results — Dublin City University

<table>
<tr><td colspan="2" align="center">Summary Statistics</td></tr>
<tr><td>Run ID</td><td>DcuTB04Base</td></tr>
<tr><td>Run Type</td><td>automatic</td></tr>
<tr><td>Fields Used</td><td>title</td></tr>
<tr><td>Run Description</td><td>NoLinksUsed-NoAnchorTextUsed-NoDocStructUsed</td></tr>
<tr><td>Time to index</td><td>24524 min.</td></tr>
<tr><td>Time to retrieve top 20 per query</td><td>2 sec.</td></tr>
<tr><td>System RAM</td><td>4 GB</td></tr>
<tr><td>Size of on-disk structures</td><td>64 GB</td></tr>
<tr><td>Approx system cost</td><td>$10500</td></tr>
<tr><td>Number of Topics:</td><td>49</td></tr>
<tr><td colspan="2" align="center">Total number of documents over all topics</td></tr>
<tr><td>Retrieved:</td><td>49000</td></tr>
<tr><td>Relevant:</td><td>10617</td></tr>
<tr><td>Rel-ret:</td><td>3889</td></tr>
</table>

Recall Level Averages	
Recall	Precision
0.00	0.5872
0.10	0.3246
0.20	0.2457
0.30	0.1856
0.40	0.1245
0.50	0.0744
0.60	0.0452
0.70	0.0192
0.80	0.0092
0.90	0.0025
1.00	0.0000

Mean average precision	
non-interpolated	0.1183

Document Level Averages	
	Precision
At 5 docs	0.3429
At 10 docs	0.3531
At 15 docs	0.3265
At 20 docs	0.3122
At 30 docs	0.3027
At 100 docs	0.2447
At 200 docs	0.1896
At 500 docs	0.1215
At 1000 docs	0.0794

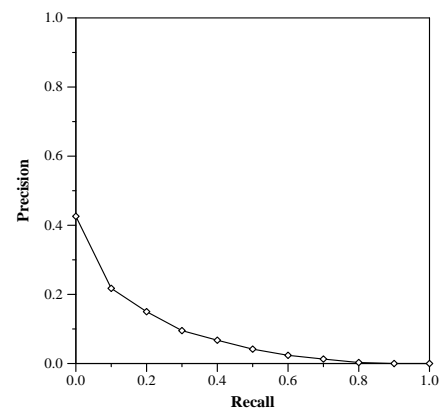| R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.1891

Recall-Precision Curve

Difference from Median Average Precision per Topic

Terabyte Track results — Dublin City University

Summary Statistics	
Run ID	DcuTB04Ucd2
Run Type	automatic
Fields Used	title, description, narrative
Run Description	NoLinksUsed-AnchorTextUsed-NoDocStructUsed
Time to index	27451 min.
Time to retrieve top 20 per query	15 sec.
System RAM	9 GB
Size of on-disk structures	65 GB
Approx system cost	$18250
Number of Topics:	49
Total number of documents over all topics	
Retrieved:	49000
Relevant:	10617
Rel-ret:	3040

Recall Level Averages	
Recall	Precision
0.00	0.4259
0.10	0.2175
0.20	0.1500
0.30	0.0952
0.40	0.0674
0.50	0.0416
0.60	0.0237
0.70	0.0129
0.80	0.0029
0.90	0.0000
1.00	0.0000

Mean average precision	
non-interpolated	0.0696

Document Level Averages	
	Precision
At 5 docs	0.1633
At 10 docs	0.1959
At 15 docs	0.2177
At 20 docs	0.2276
At 30 docs	0.2422
At 100 docs	0.1786
At 200 docs	0.1301
At 500 docs	0.0873
At 1000 docs	0.0620

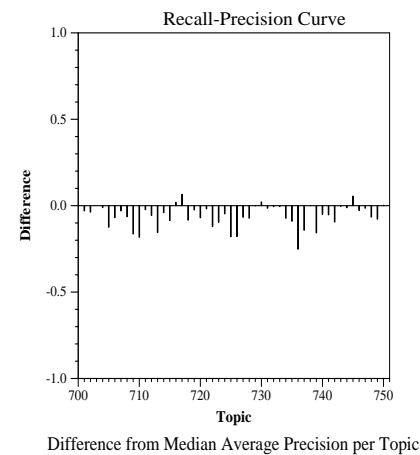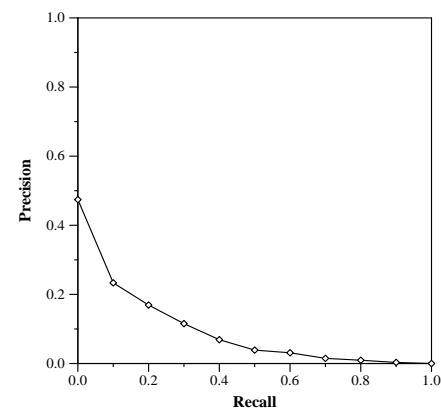| R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.1287

Recall-Precision Curve

Difference from Median Average Precision per Topic

Terabyte Track results — Dublin City University

Summary Statistics	
Run ID	DcuTB04Wbm25
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-NoAnchorTextUsed-DocStructUsed
Time to index	45648 min.
Time to retrieve top 20 per query	2 sec.
System RAM	4 GB
Size of on-disk structures	64 GB
Approx system cost	$10500
Number of Topics:	49
Total number of documents over all topics	
Retrieved:	49000
Relevant:	10617
Rel-ret:	3077

Recall Level Averages	
Recall	Precision
0.00	0.4744
0.10	0.2335
0.20	0.1692
0.30	0.1154
0.40	0.0689
0.50	0.0388
0.60	0.0311
0.70	0.0149
0.80	0.0095
0.90	0.0031
1.00	0.0000

Mean average precision	
non-interpolated	0.0790

Document Level Averages	
	Precision
At 5 docs	0.2327
At 10 docs	0.2306
At 15 docs	0.2245
At 20 docs	0.2224
At 30 docs	0.2150
At 100 docs	0.1782
At 200 docs	0.1430
At 500 docs	0.0952
At 1000 docs	0.0628

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.1462

Recall-Precision Curve

Difference from Median Average Precision per Topic

Terabyte Track results — Dublin City University

Summary Statistics	
Run ID	DcuTB04Combo
Run Type	automatic
Fields Used	title
Run Description	NoLinksUsed-AnchorTextUsed-DocStructUsed
Time to index	54360 min.
Time to retrieve top 20 per query	2 sec.
System RAM	7 GB
Size of on-disk structures	69 GB
Approx system cost	$16250
Number of Topics:	49
Total number of documents over all topics	
Retrieved:	49000
Relevant:	10617
Rel-ret:	2521

Recall Level Averages	
Recall	Precision
0.00	0.3359
0.10	0.0963
0.20	0.0733
0.30	0.0504
0.40	0.0319
0.50	0.0145
0.60	0.0080
0.70	0.0059
0.80	0.0024
0.90	0.0000
1.00	0.0000

Mean average precision	
non-interpolated	0.0328

Document Level Averages	
	Precision
At 5 docs	0.1224
At 10 docs	0.1163
At 15 docs	0.1265
At 20 docs	0.1194
At 30 docs	0.1116
At 100 docs	0.0863
At 200 docs	0.0753
At 500 docs	0.0651
At 1000 docs	0.0514

R-Precision: precision after R (number relevant) documents retrieved	
Exact	0.0731

Recall-Precision Curve

Difference from Median Average Precision per Topic