

K3100-07

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	K3100-07
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	39532
Relevant:	2492
Rel-ret:	1106

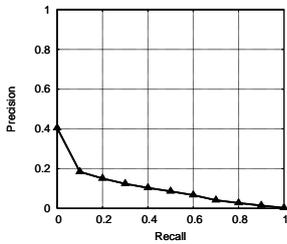
Summary Statistics	
Run ID	K3100-07
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	39532
Relevant:	3706
Rel-ret:	1750

Recall Level Precision Averages	
Recall	Precision
0.00	0.4042
0.10	0.1844
0.20	0.1508
0.30	0.1239
0.40	0.1035
0.50	0.0860
0.60	0.0669
0.70	0.0413
0.80	0.0272
0.90	0.0145
1.00	0.0027
Average precision over all relevant documents	
non-interpolated	0.0897

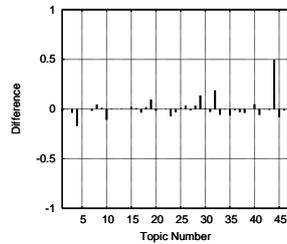
Document Level Averages	
	Precision
At 5 docs	0.1787
At 10 docs	0.1574
At 15 docs	0.1404
At 20 docs	0.1426
At 30 docs	0.1333
At 100 docs	0.0981
At 200 docs	0.0694
At 500 docs	0.0387
At 1000 docs	0.0235
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1164

Recall Level Precision Averages	
Recall	Precision
0.00	0.5358
0.10	0.2637
0.20	0.1975
0.30	0.1589
0.40	0.1204
0.50	0.1107
0.60	0.0775
0.70	0.0571
0.80	0.0383
0.90	0.0166
1.00	0.0024
Average precision over all relevant documents	
non-interpolated	0.1162

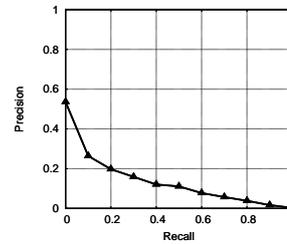
Document Level Averages	
	Precision
At 5 docs	0.2723
At 10 docs	0.2298
At 15 docs	0.2156
At 20 docs	0.2128
At 30 docs	0.1936
At 100 docs	0.1438
At 200 docs	0.1033
At 500 docs	0.0605
At 1000 docs	0.0372
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1524



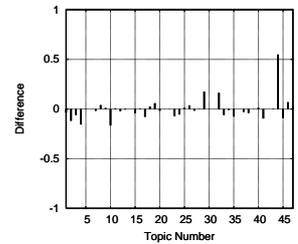
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

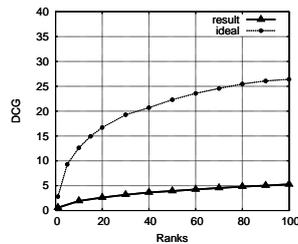


Recall-Precision Curve



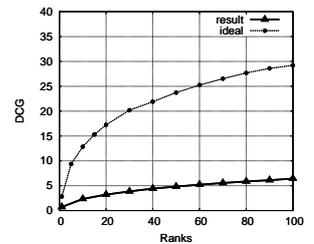
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.5745
At 10 docs	1.9228
At 20 docs	2.6143
At 30 docs	3.1679
At 40 docs	3.6313
At 50 docs	3.9256
At 60 docs	4.2339
At 70 docs	4.5378
At 80 docs	4.8005
At 90 docs	5.0192
At 100 docs	5.2714
At 200 docs	6.4513
At 500 docs	7.8410
At 1000 docs	8.7714



Discounted Cummulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7021
At 10 docs	2.3331
At 20 docs	3.2013
At 30 docs	3.8422
At 40 docs	4.4086
At 50 docs	4.8076
At 60 docs	5.2002
At 70 docs	5.5392
At 80 docs	5.8496
At 90 docs	6.1047
At 100 docs	6.4217
At 200 docs	7.9110
At 500 docs	9.7998
At 1000 docs	11.0198



Discounted Cummulative Gain Curve ($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)

(2) Evaluation Result with Considering Links

Summary Statistics	
Run ID	K3100-07
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	39532
Relevant:	3558
Rel-ret:	1464

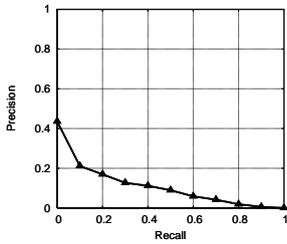
Summary Statistics	
Run ID	K3100-07
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	39532
Relevant:	4928
Rel-ret:	2173

Recall Level Precision Averages	
Recall	Precision
0.00	0.4356
0.10	0.2113
0.20	0.1695
0.30	0.1268
0.40	0.1116
0.50	0.0895
0.60	0.0588
0.70	0.0418
0.80	0.0190
0.90	0.0059
1.00	0.0001
Average precision over all relevant documents	
non-interpolated	0.0926

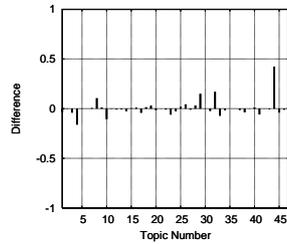
Document Level Averages	
	Precision
At 5 docs	0.1957
At 10 docs	0.1787
At 15 docs	0.1731
At 20 docs	0.1777
At 30 docs	0.1688
At 100 docs	0.1249
At 200 docs	0.0893
At 500 docs	0.0511
At 1000 docs	0.0311
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1325

Recall Level Precision Averages	
Recall	Precision
0.00	0.5663
0.10	0.2580
0.20	0.2152
0.30	0.1664
0.40	0.1337
0.50	0.0990
0.60	0.0677
0.70	0.0526
0.80	0.0160
0.90	0.0071
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1153

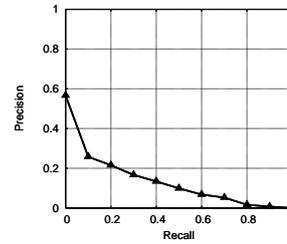
Document Level Averages	
	Precision
At 5 docs	0.2894
At 10 docs	0.2532
At 15 docs	0.2426
At 20 docs	0.2426
At 30 docs	0.2284
At 100 docs	0.1772
At 200 docs	0.1269
At 500 docs	0.0751
At 1000 docs	0.0462
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1677



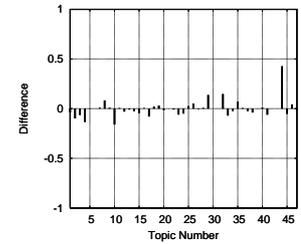
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

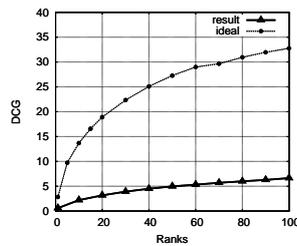


Recall-Precision Curve



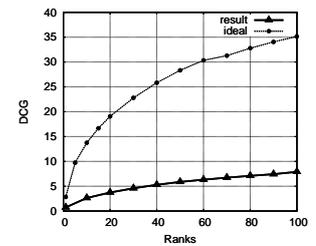
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.5957
At 10 docs	2.2030
At 20 docs	3.1664
At 30 docs	3.9135
At 40 docs	4.4973
At 50 docs	4.9738
At 60 docs	5.3187
At 70 docs	5.6964
At 80 docs	5.9967
At 90 docs	6.2749
At 100 docs	6.6369
At 200 docs	8.2430
At 500 docs	10.2346
At 1000 docs	11.4676



Discounted Cummulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.7447
At 10 docs	2.6310
At 20 docs	3.7380
At 30 docs	4.5899
At 40 docs	5.2849
At 50 docs	5.8778
At 60 docs	6.3143
At 70 docs	6.7271
At 80 docs	7.0956
At 90 docs	7.4333
At 100 docs	7.8989
At 200 docs	9.8261
At 500 docs	12.3568
At 1000 docs	13.9090



Discounted Cummulative Gain Curve ($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)