

NAICR-II-A2-2

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-II-A2-2
Subtask	II-A2
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	45
Total number of documents over all topics	
Retrieved:	44999
Relevant:	521
Rel-ret:	395

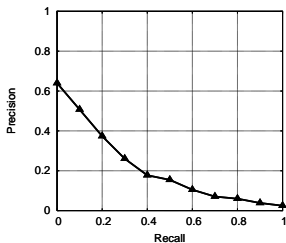
Summary Statistics	
Run ID	NAICR-II-A2-2
Subtask	II-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	45999
Relevant:	812
Rel-ret:	562

Recall Level Precision Averages	
Recall	Precision
0.00	0.6398
0.10	0.5072
0.20	0.3736
0.30	0.2606
0.40	0.1773
0.50	0.1542
0.60	0.1047
0.70	0.0704
0.80	0.0597
0.90	0.0381
1.00	0.0244
Average precision over all relevant documents	
non-interpolated	0.1984

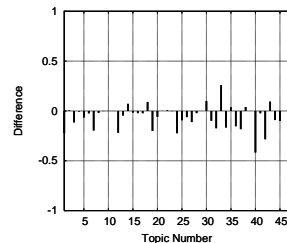
Document Level Averages	
	Precision
At 5 docs	0.2044
At 10 docs	0.1511
At 15 docs	0.1348
At 20 docs	0.1233
At 30 docs	0.1059
At 100 docs	0.0536
At 200 docs	0.0321
At 500 docs	0.0159
At 1000 docs	0.0088
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1945

Recall Level Precision Averages	
Recall	Precision
0.00	0.7563
0.10	0.5551
0.20	0.4141
0.30	0.3437
0.40	0.2253
0.50	0.1939
0.60	0.1348
0.70	0.0965
0.80	0.0810
0.90	0.0527
1.00	0.0359
Average precision over all relevant documents	
non-interpolated	0.2369

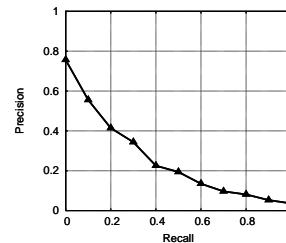
Document Level Averages	
	Precision
At 5 docs	0.2826
At 10 docs	0.2152
At 15 docs	0.1797
At 20 docs	0.1652
At 30 docs	0.1456
At 100 docs	0.0750
At 200 docs	0.0448
At 500 docs	0.0220
At 1000 docs	0.0122
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2512



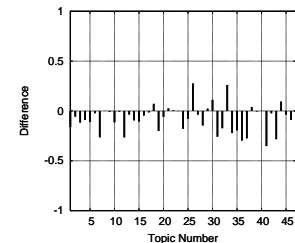
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

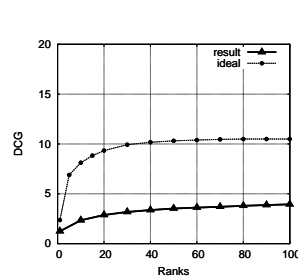


Recall-Precision Curve



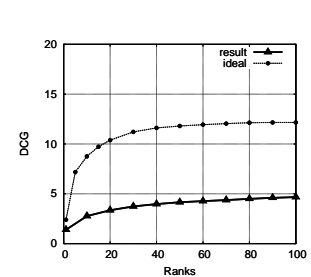
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	1.2391
At 10 docs	2.3397
At 20 docs	2.8697
At 30 docs	3.1749
At 40 docs	3.3697
At 50 docs	3.5241
At 60 docs	3.6145
At 70 docs	3.6937
At 80 docs	3.7914
At 90 docs	3.8728
At 100 docs	3.9390
At 200 docs	4.2347
At 500 docs	4.6114
At 1000 docs	4.7812



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	1.3913
At 10 docs	2.7639
At 20 docs	3.3474
At 30 docs	3.7329
At 40 docs	3.9657
At 50 docs	4.1518
At 60 docs	4.2648
At 70 docs	4.3692
At 80 docs	4.4912
At 90 docs	4.5930
At 100 docs	4.6691
At 200 docs	5.0224
At 500 docs	5.4622
At 1000 docs	5.6775



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)
Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,58,59,60,61,62,63)

** 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)
Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,57,58,59,60,61,62,63)

(2) Evaluation Result with Considering Links

Summary Statistics	
Run ID	NAICR-II-A2-2
Subtask	II-A2
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	46
Total number of documents over all topics	
Retrieved:	45999
Relevant:	966
Rel-ret:	655

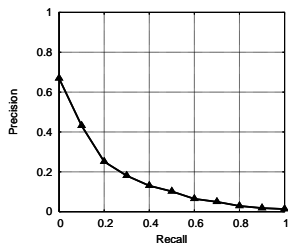
Summary Statistics	
Run ID	NAICR-II-A2-2
Subtask	II-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46999
Relevant:	1381
Rel-ret:	869

Recall Level Precision Averages	
Recall	Precision
0.00	0.6691
0.10	0.4314
0.20	0.2510
0.30	0.1806
0.40	0.1302
0.50	0.1018
0.60	0.0645
0.70	0.0494
0.80	0.0288
0.90	0.0180
1.00	0.0131
Average precision over all relevant documents	
non-interpolated	0.1470

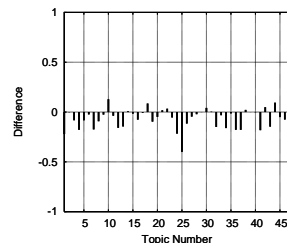
Document Level Averages	
	Precision
At 5 docs	0.2217
At 10 docs	0.1761
At 15 docs	0.1623
At 20 docs	0.1609
At 30 docs	0.1420
At 100 docs	0.0765
At 200 docs	0.0485
At 500 docs	0.0253
At 1000 docs	0.0142
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1785

Recall Level Precision Averages	
Recall	Precision
0.00	0.7795
0.10	0.4352
0.20	0.3089
0.30	0.2266
0.40	0.1501
0.50	0.1131
0.60	0.0871
0.70	0.0542
0.80	0.0344
0.90	0.0207
1.00	0.0106
Average precision over all relevant documents	
non-interpolated	0.1711

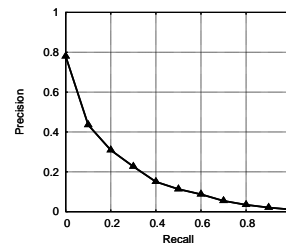
Document Level Averages	
	Precision
At 5 docs	0.2979
At 10 docs	0.2447
At 15 docs	0.2142
At 20 docs	0.2096
At 30 docs	0.1858
At 100 docs	0.1026
At 200 docs	0.0637
At 500 docs	0.0329
At 1000 docs	0.0185
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2066



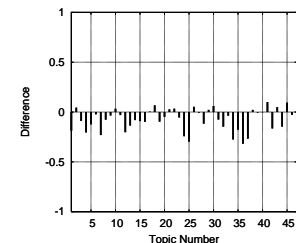
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

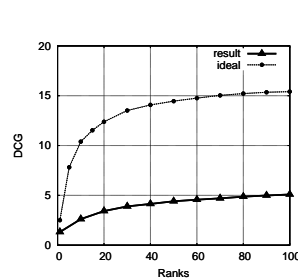


Recall-Precision Curve



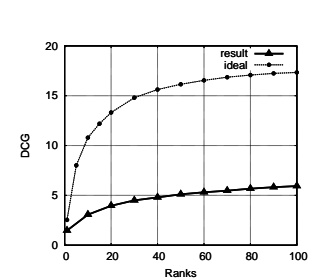
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)**

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	1.3191
At 10 docs	2.6169
At 20 docs	3.4234
At 30 docs	3.8898
At 40 docs	4.1384
At 50 docs	4.4061
At 60 docs	4.5648
At 70 docs	4.6987
At 80 docs	4.8661
At 90 docs	4.9857
At 100 docs	5.0891
At 200 docs	5.6623
At 500 docs	6.4039
At 1000 docs	6.7373



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	1.4681
At 10 docs	3.0653
At 20 docs	3.9529
At 30 docs	4.4974
At 40 docs	4.7951
At 50 docs	5.1053
At 60 docs	5.3082
At 70 docs	5.4704
At 80 docs	5.6719
At 90 docs	5.8181
At 100 docs	5.9313
At 200 docs	6.5726
At 500 docs	7.4071
At 1000 docs	7.7972



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)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,58,59,60,61,62,63)

** 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)