NAICR-I-A2-4

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-I-A2-4
Subtask	I-A2
Relevant Level	Level1 (H or A)
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:	2492
Rel-ret:	1009

Summary Statistics	
Run ID	NAICR-I-A2-4
Subtask	I-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:	3706
Rel-ret:	1461

Recall Level Precision Averages	
Recall	Precision
0.00	0.5930
0.10	0.2294
0.20	0.1248
0.30	0.0905
0.40	0.0725
0.50	0.0588
0.60	0.0386
0.70	0.0292
0.80	0.0224
0.90	0.0051
1.00	0.0019

Average precision over all relevant documents	
non-interpolated	0.0860

Document Level Averages	
	Precision
At 5 docs	0.2298
At 10 docs	0.1723
At 15 docs	0.1447
At 20 docs	0.1351
At 30 docs	0.1177
At 100 docs	0.0732
At 200 docs	0.0504
At 500 docs	0.0303
At 1000 docs	0.0215

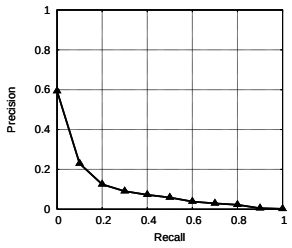
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1183

Recall Level Precision Averages	
Recall	Precision
0.00	0.7114
0.10	0.2686
0.20	0.1784
0.30	0.1169
0.40	0.0867
0.50	0.0680
0.60	0.0552
0.70	0.0405
0.80	0.0189
0.90	0.0041
1.00	0

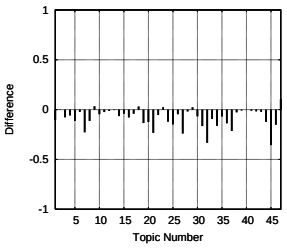
Average precision over all relevant documents	
non-interpolated	0.1059

Document Level Averages	
	Precision
At 5 docs	0.3149
At 10 docs	0.2489
At 15 docs	0.2099
At 20 docs	0.1926
At 30 docs	0.1652
At 100 docs	0.1032
At 200 docs	0.0732
At 500 docs	0.0438
At 1000 docs	0.0311

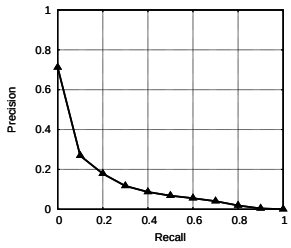
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1352



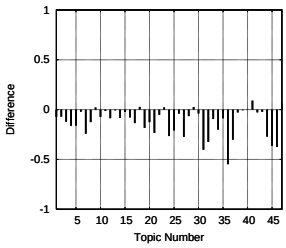
Recall-Precision Curve



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

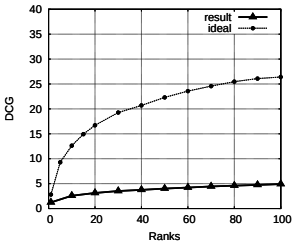


Recall-Precision Curve



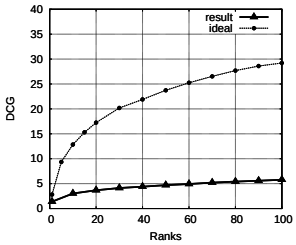
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	1.2340
At 10 docs	2.5726
At 20 docs	3.1223
At 30 docs	3.5127
At 40 docs	3.7490
At 50 docs	4.0070
At 60 docs	4.2095
At 70 docs	4.4353
At 80 docs	4.5962
At 90 docs	4.7418
At 100 docs	4.9069
At 200 docs	5.7096
At 500 docs	6.9906
At 1000 docs	8.3797



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	1.3830
At 10 docs	3.0200
At 20 docs	3.6681
At 30 docs	4.1176
At 40 docs	4.3907
At 50 docs	4.6915
At 60 docs	4.9235
At 70 docs	5.2022
At 80 docs	5.4076
At 90 docs	5.5799
At 100 docs	5.7773
At 200 docs	6.7963
At 500 docs	8.3404
At 1000 docs	10.0328



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	NAICR-I-A2-4
Subtask	I-A2
Relevant Level	Level1 (H or A)
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:	3558
Rel-ret:	1326

Summary Statistics	
Run ID	NAICR-I-A2-4
Subtask	I-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:	4928
Rel-ret:	1823

Recall Level Precision Averages	
Recall	Precision
0.00	0.6477
0.10	0.2546
0.20	0.1719
0.30	0.1228
0.40	0.0775
0.50	0.0528
0.60	0.0321
0.70	0.0195
0.80	0.0087
0.90	0.0016
1.00	0

Average precision over all relevant documents	
non-interpolated	0.0943

Document Level Averages	
	Precision
At 5 docs	0.3277
At 10 docs	0.2617
At 15 docs	0.2284
At 20 docs	0.2064
At 30 docs	0.1716
At 100 docs	0.1038
At 200 docs	0.0696
At 500 docs	0.0406
At 1000 docs	0.0282

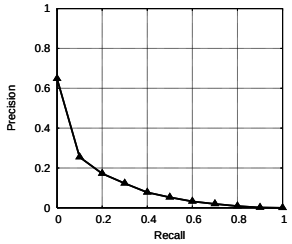
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1344

Recall Level Precision Averages	
Recall	Precision
0.00	0.7649
0.10	0.3080
0.20	0.1911
0.30	0.1252
0.40	0.0809
0.50	0.0616
0.60	0.0365
0.70	0.0174
0.80	0.0079
0.90	0.0010
1.00	0

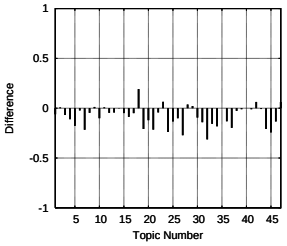
Average precision over all relevant documents	
non-interpolated	0.1087

Document Level Averages	
	Precision
At 5 docs	0.4170
At 10 docs	0.3404
At 15 docs	0.2922
At 20 docs	0.2681
At 30 docs	0.2220
At 100 docs	0.1357
At 200 docs	0.0933
At 500 docs	0.0557
At 1000 docs	0.0388

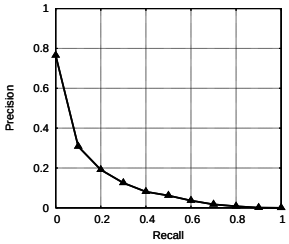
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1478



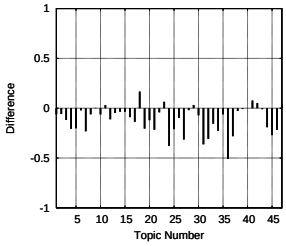
Recall-Precision Curve



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

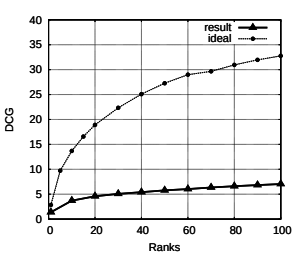


Recall-Precision Curve



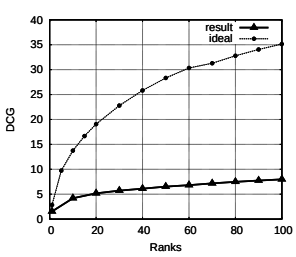
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	1.3830
At 10 docs	3.7072
At 20 docs	4.5763
At 30 docs	5.0635
At 40 docs	5.4076
At 50 docs	5.7730
At 60 docs	6.0307
At 70 docs	6.3447
At 80 docs	6.6044
At 90 docs	6.8297
At 100 docs	7.0367
At 200 docs	8.0814
At 500 docs	9.7067
At 1000 docs	11.4648



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	1.5319
At 10 docs	4.1885
At 20 docs	5.1701
At 30 docs	5.7162
At 40 docs	6.1093
At 50 docs	6.5215
At 60 docs	6.8124
At 70 docs	7.1724
At 80 docs	7.4800
At 90 docs	7.7351
At 100 docs	7.9745
At 200 docs	9.2361
At 500 docs	11.1930
At 1000 docs	13.2746



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)