NAICR-I-A1-2

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	NAICR-I-A1-2
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

Total number of documents over all topics	
Retrieved:	47000
Relevant:	2492
Rel-ret:	1075

Summary Statistics	
Run ID	NAICR-I-A1-2
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

Total number of documents over all topics	
Retrieved:	47000
Relevant:	3706
Rel-ret:	1581

Recall Level Precision Averages	
Recall	Precision
0.00	0.2496
0.10	0.1794
0.20	0.1474
0.30	0.1038
0.40	0.0805
0.50	0.0698
0.60	0.0477
0.70	0.0343
0.80	0.0192
0.90	0.0091
1.00	0.0091

Average precision over all relevant documents	
non-interpolated	0.0756

Document Level Averages	
	Precision
At 5 docs	0.0936
At 10 docs	0.1191
At 15 docs	0.1092
At 20 docs	0.1096
At 30 docs	0.1043
At 100 docs	0.0772
At 200 docs	0.0576
At 500 docs	0.0344
At 1000 docs	0.0229

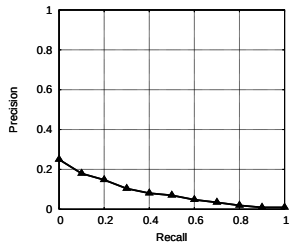
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.0990

Recall Level Precision Averages	
Recall	Precision
0.00	0.3209
0.10	0.2105
0.20	0.1636
0.30	0.1338
0.40	0.1174
0.50	0.0970
0.60	0.0727
0.70	0.0363
0.80	0.0109
0.90	0
1.00	0

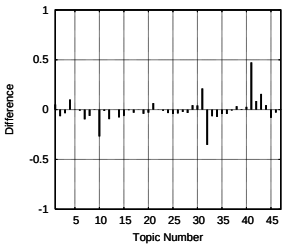
Average precision over all relevant documents	
non-interpolated	0.0945

Document Level Averages	
	Precision
At 5 docs	0.1617
At 10 docs	0.1702
At 15 docs	0.1631
At 20 docs	0.1596
At 30 docs	0.1511
At 100 docs	0.1119
At 200 docs	0.0837
At 500 docs	0.0504
At 1000 docs	0.0336

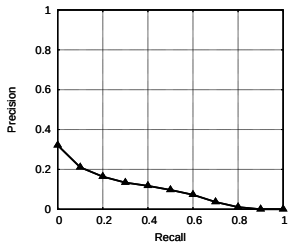
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1257



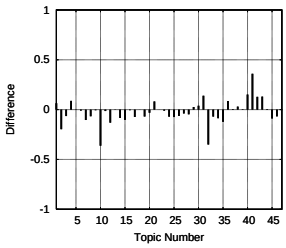
Recall-Precision Curve



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

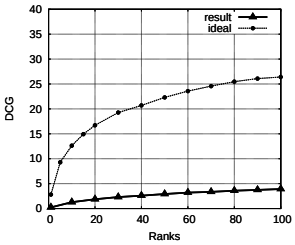


Recall-Precision Curve



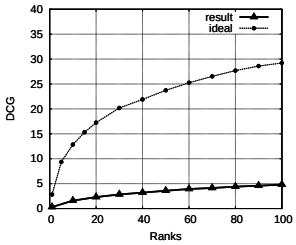
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.2340
At 10 docs	1.2726
At 20 docs	1.8610
At 30 docs	2.3015
At 40 docs	2.5861
At 50 docs	2.9107
At 60 docs	3.2009
At 70 docs	3.3491
At 80 docs	3.5771
At 90 docs	3.7428
At 100 docs	3.9179
At 200 docs	5.0338
At 500 docs	6.4620
At 1000 docs	7.6978



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	0.2979
At 10 docs	1.5856
At 20 docs	2.3002
At 30 docs	2.8278
At 40 docs	3.1918
At 50 docs	3.5740
At 60 docs	3.9231
At 70 docs	4.1279
At 80 docs	4.3899
At 90 docs	4.5887
At 100 docs	4.7994
At 200 docs	6.1616
At 500 docs	7.9229
At 1000 docs	9.4511



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-A1-2
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

Total number of documents over all topics	
Retrieved:	47000
Relevant:	3558
Rel-ret:	1394

Summary Statistics	
Run ID	NAICR-I-A1-2
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	47

Total number of documents over all topics	
Retrieved:	47000
Relevant:	4928
Rel-ret:	1923

Recall Level Precision Averages	
Recall	Precision
0.00	0.2934
0.10	0.2076
0.20	0.1618
0.30	0.1217
0.40	0.0864
0.50	0.0680
0.60	0.0487
0.70	0.0345
0.80	0.0190
0.90	0.0143
1.00	0.0091

Average precision over all relevant documents	
non-interpolated	0.0845

Document Level Averages	
	Precision
At 5 docs	0.1277
At 10 docs	0.1553
At 15 docs	0.1447
At 20 docs	0.1426
At 30 docs	0.1340
At 100 docs	0.0996
At 200 docs	0.0737
At 500 docs	0.0444
At 1000 docs	0.0297

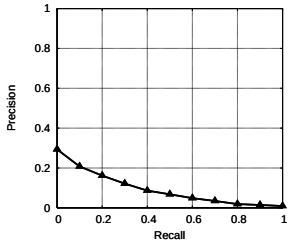
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1102

Recall Level Precision Averages	
Recall	Precision
0.00	0.3393
0.10	0.2273
0.20	0.1698
0.30	0.1346
0.40	0.1177
0.50	0.0741
0.60	0.0512
0.70	0.0245
0.80	0.0095
0.90	0.0014
1.00	0

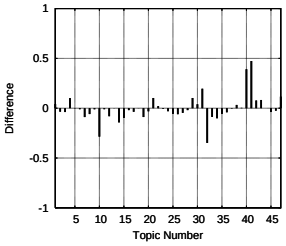
Average precision over all relevant documents	
non-interpolated	0.0923

Document Level Averages	
	Precision
At 5 docs	0.1957
At 10 docs	0.2021
At 15 docs	0.1901
At 20 docs	0.1862
At 30 docs	0.1752
At 100 docs	0.1328
At 200 docs	0.1000
At 500 docs	0.0607
At 1000 docs	0.0409

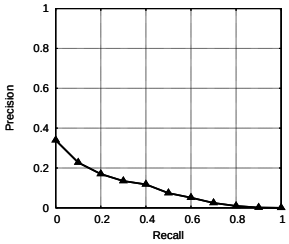
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1250



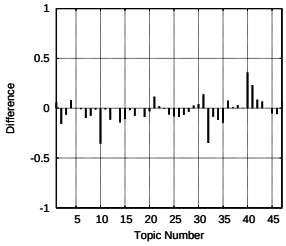
Recall-Precision Curve



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

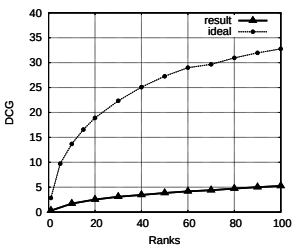


Recall-Precision Curve



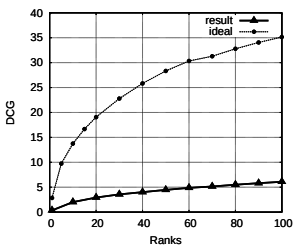
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.2979
At 10 docs	1.7098
At 20 docs	2.5225
At 30 docs	3.0821
At 40 docs	3.4449
At 50 docs	3.8357
At 60 docs	4.1700
At 70 docs	4.3920
At 80 docs	4.7218
At 90 docs	5.0036
At 100 docs	5.2435
At 200 docs	6.6810
At 500 docs	8.5671
At 1000 docs	10.2021



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	0.3404
At 10 docs	2.0078
At 20 docs	2.9229
At 30 docs	3.5604
At 40 docs	4.0069
At 50 docs	4.4631
At 60 docs	4.8636
At 70 docs	5.1386
At 80 docs	5.4990
At 90 docs	5.8073
At 100 docs	6.0828
At 200 docs	7.7909
At 500 docs	10.0232
At 1000 docs	11.9889



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)