K3100-05

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	K3100-05
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	42176
Relevant:	2492
Rel-ret:	1332

Summary Statistics	
Run ID	K3100-05
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	42176
Relevant:	3706
Rel-ret:	2121

Level1 (H or A)

Recall Level Precision Averages	
Recall	Precision
0.00	0.4524
0.10	0.2265
0.20	0.1662
0.30	0.1286
0.40	0.0937
0.50	0.0830
0.60	0.0636
0.70	0.0320
0.80	0.0219
0.90	0.0101
1.00	0.0013
Average precision over all relevant documents	
non-interpolated	0.0951

Document Level Averages	
	Precision
At 5 docs	0.1745
At 10 docs	0.2085
At 15 docs	0.1943
At 20 docs	0.1862
At 30 docs	0.1624
At 100 docs	0.1070
At 200 docs	0.0822
At 500 docs	0.0463
At 1000 docs	0.0283
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1449

Recall Level Precision Averages	
Recall	Precision
0.00	0.5613
0.10	0.2970
0.20	0.2328
0.30	0.1699
0.40	0.1433
0.50	0.1126
0.60	0.0818
0.70	0.0489
0.80	0.0350
0.90	0.0175
1.00	0.0024
Average precision over all relevant documents	
non-interpolated	0.1300

| Document Level Averages	
	Precision
At 5 docs	0.2553
At 10 docs	0.2936
At 15 docs	0.2794
At 20 docs	0.2691
At 30 docs	0.2496
At 100 docs	0.1672
At 200 docs	0.1251
At 500 docs	0.0725
At 1000 docs	0.0451
R-Precision (precision after R docs retreived (where R is the number of relevant documnets))	
Exact	0.1821
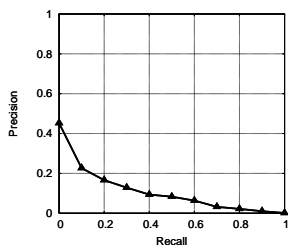
Recall-Precision Curve
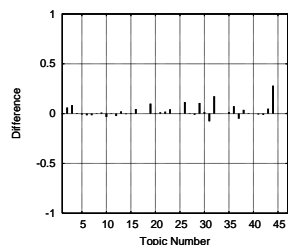
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*
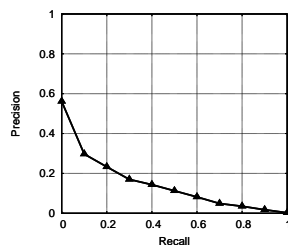

Recall-Precision Curve
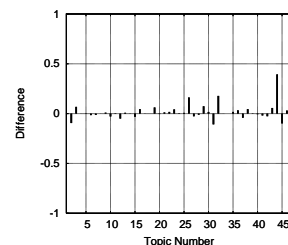
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.4894
At 10 docs	2.3072
At 20 docs	3.2059
At 30 docs	3.7383
At 40 docs	4.1204
At 50 docs	4.3959
At 60 docs	4.7745
At 70 docs	5.0923
At 80 docs	5.3348
At 90 docs	5.5501
At 100 docs	5.8189
At 200 docs	7.4808
At 500 docs	9.1848
At 1000 docs	10.3197
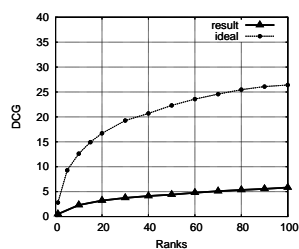
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted (log$_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.5957
At 10 docs	2.7736
At 20 docs	3.8791
At 30 docs	4.6182
At 40 docs	5.1244
At 50 docs	5.4812
At 60 docs	5.9294
At 70 docs	6.3107
At 80 docs	6.6385
At 90 docs	6.9201
At 100 docs	7.2762
At 200 docs	9.2960
At 500 docs	11.5448
At 1000 docs	13.0700
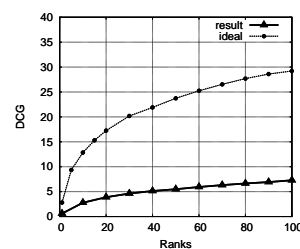
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	K3100-05
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	42176
Relevant:	3558
Rel-ret:	1825

Summary Statistics	
Run ID	K3100-05
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	42176
Relevant:	4928
Rel-ret:	2645

Recall Level Precision Averages	
Recall	Precision
0.00	0.4809
0.10	0.2504
0.20	0.1901
0.30	0.1477
0.40	0.1167
0.50	0.0887
0.60	0.0540
0.70	0.0321
0.80	0.0170
0.90	0.0049
1.00	0.0001
Average precision over all relevant documents	
non-interpolated	0.1013

Document Level Averages	
	Precision
At 5 docs	0.2000
At 10 docs	0.2426
At 15 docs	0.2298
At 20 docs	0.2202
At 30 docs	0.1972
At 100 docs	0.1377
At 200 docs	0.1063
At 500 docs	0.0624
At 1000 docs	0.0388
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1560

Recall Level Precision Averages	
Recall	Precision
0.00	0.5736
0.10	0.3291
0.20	0.2450
0.30	0.1908
0.40	0.1551
0.50	0.1087
0.60	0.0678
0.70	0.0440
0.80	0.0197
0.90	0.0059
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1297

| Document Level Averages	
	Precision
At 5 docs	0.2681
At 10 docs	0.3234
At 15 docs	0.3135
At 20 docs	0.3032
At 30 docs	0.2865
At 100 docs	0.1987
At 200 docs	0.1532
At 500 docs	0.0897
At 1000 docs	0.0563
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1922
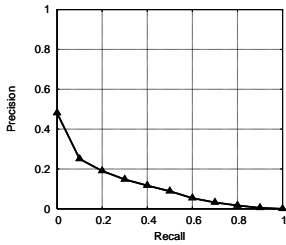
Recall-Precision Curve
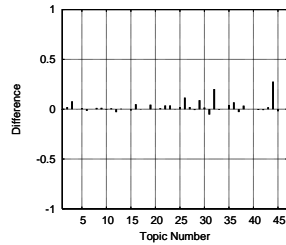
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*
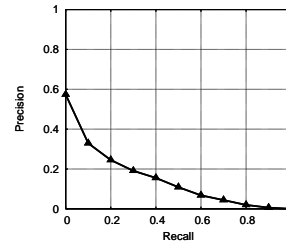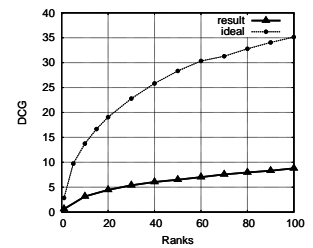

Recall-Precision Curve
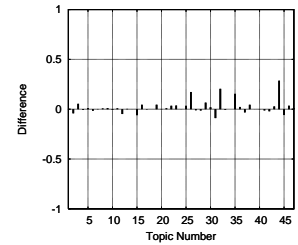
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.5319
At 10 docs	2.7400
At 20 docs	3.8288
At 30 docs	4.5342
At 40 docs	5.0581
At 50 docs	5.4268
At 60 docs	5.8783
At 70 docs	6.3653
At 80 docs	6.6863
At 90 docs	6.9714
At 100 docs	7.3532
At 200 docs	9.5483
At 500 docs	12.1507
At 1000 docs	13.8044
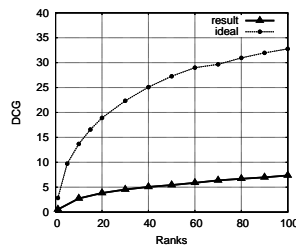
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.6170
At 10 docs	3.1477
At 20 docs	4.4547
At 30 docs	5.3800
At 40 docs	6.0402
At 50 docs	6.4980
At 60 docs	7.0154
At 70 docs	7.5625
At 80 docs	7.9585
At 90 docs	8.3032
At 100 docs	8.7821
At 200 docs	11.4369
At 500 docs	14.5542
At 1000 docs	16.6069

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)