K3100-02

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	K3100-02
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	45
Total number of documents over all topics	
Retrieved:	22988
Relevant:	521
Rel-ret:	314

Summary Statistics	
Run ID	K3100-02
Subtask	II-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	46
Total number of documents over all topics	
Retrieved:	23988
Relevant:	812
Rel-ret:	553

Recall Level Precision Averages	
Recall	Precision
0.00	0.4331
0.10	0.3391
0.20	0.2480
0.30	0.1891
0.40	0.1153
0.50	0.1133
0.60	0.0741
0.70	0.0480
0.80	0.0387
0.90	0.0313
1.00	0.0306
Average precision over all relevant documents	
non-interpolated	0.1354

Document Level Averages	
	Precision
At 5 docs	0.1778
At 10 docs	0.1222
At 15 docs	0.1037
At 20 docs	0.0944
At 30 docs	0.0726
At 100 docs	0.0398
At 200 docs	0.0254
At 500 docs	0.0126
At 1000 docs	0.0070
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1394

Recall Level Precision Averages	
Recall	Precision
0.00	0.5143
0.10	0.4103
0.20	0.3097
0.30	0.2242
0.40	0.1671
0.50	0.1429
0.60	0.1145
0.70	0.0663
0.80	0.0599
0.90	0.0377
1.00	0.0295
Average precision over all relevant documents	
non-interpolated	0.1648

| Document Level Averages	
	Precision
At 5 docs	0.2652
At 10 docs	0.1826
At 15 docs	0.1638
At 20 docs	0.1467
At 30 docs	0.1217
At 100 docs	0.0704
At 200 docs	0.0459
At 500 docs	0.0221
At 1000 docs	0.0120
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1739
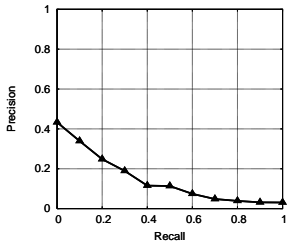
Recall-Precision Curve
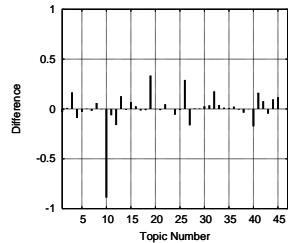
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*
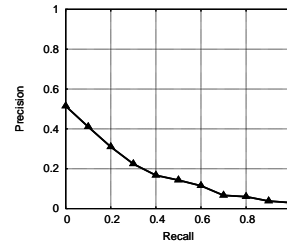

Recall-Precision Curve
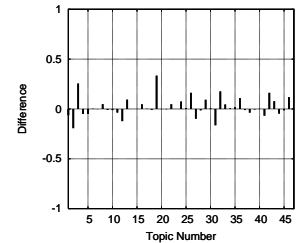
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)**

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.5652
At 10 docs	1.7210
At 20 docs	2.0827
At 30 docs	2.2060
At 40 docs	2.3960
At 50 docs	2.4640
At 60 docs	2.5353
At 70 docs	2.6253
At 80 docs	2.6847
At 90 docs	2.7660
At 100 docs	2.8356
At 200 docs	3.1529
At 500 docs	3.4587
At 1000 docs	3.6060
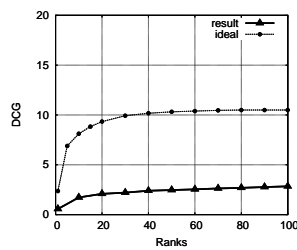
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.6304
At 10 docs	2.0958
At 20 docs	2.5758
At 30 docs	2.7917
At 40 docs	3.0195
At 50 docs	3.1347
At 60 docs	3.2624
At 70 docs	3.3885
At 80 docs	3.5001
At 90 docs	3.6120
At 100 docs	3.6980
At 200 docs	4.1615
At 500 docs	4.5522
At 1000 docs	4.7322
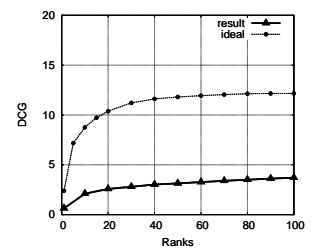
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	K3100-02
Subtask	II-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	46
Total number of documents over all topics	
Retrieved:	23041
Relevant:	966
Rel-ret:	562

Summary Statistics	
Run ID	K3100-02
Subtask	II-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:	24041
Relevant:	1381
Rel-ret:	829

Recall Level Precision Averages	
Recall	Precision
0.00	0.4677
0.10	0.3296
0.20	0.2578
0.30	0.1454
0.40	0.1178
0.50	0.0868
0.60	0.0528
0.70	0.0337
0.80	0.0264
0.90	0.0165
1.00	0.0082
Average precision over all relevant documents	
non-interpolated	0.1162

Document Level Averages	
	Precision
At 5 docs	0.2174
At 10 docs	0.1717
At 15 docs	0.1580
At 20 docs	0.1446
At 30 docs	0.1145
At 100 docs	0.0704
At 200 docs	0.0455
At 500 docs	0.0224
At 1000 docs	0.0122
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1388

Recall Level Precision Averages	
Recall	Precision
0.00	0.5381
0.10	0.3760
0.20	0.2834
0.30	0.1771
0.40	0.1410
0.50	0.0982
0.60	0.0771
0.70	0.0442
0.80	0.0313
0.90	0.0162
1.00	0.0074
Average precision over all relevant documents	
non-interpolated	0.1378

| Document Level Averages	
	Precision
At 5 docs	0.3064
At 10 docs	0.2340
At 15 docs	0.2199
At 20 docs	0.2000
At 30 docs	0.1653
At 100 docs	0.1049
At 200 docs	0.0682
At 500 docs	0.0328
At 1000 docs	0.0176
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1776
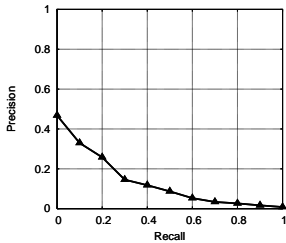
Recall-Precision Curve
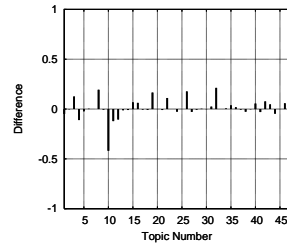
Difference from Median in
Average Precision per Topic
(over 14 'automatic' and
'TITLE only' runs)*
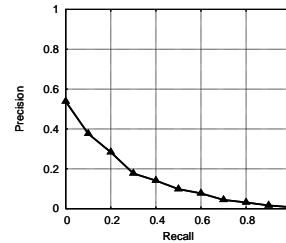
Recall-Precision Curve
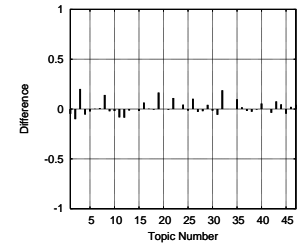
Difference from Median in
Average Precision per Topic
(over 14 'automatic' and
'TITLE only' runs)**

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	0.5957
At 10 docs	2.2087
At 20 docs	2.8619
At 30 docs	3.0925
At 40 docs	3.3774
At 50 docs	3.5483
At 60 docs	3.6842
At 70 docs	3.8710
At 80 docs	4.0041
At 90 docs	4.2096
At 100 docs	4.3485
At 200 docs	4.9524
At 500 docs	5.4800
At 1000 docs	5.7052
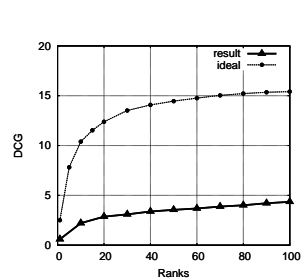
Discounted Cummulative
Gain Curve
($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	0.6596
At 10 docs	2.5866
At 20 docs	3.3724
At 30 docs	3.6927
At 40 docs	4.0312
At 50 docs	4.2484
At 60 docs	4.4543
At 70 docs	4.6870
At 80 docs	4.8883
At 90 docs	5.1269
At 100 docs	5.2884
At 200 docs	6.0506
At 500 docs	6.6660
At 1000 docs	6.9163
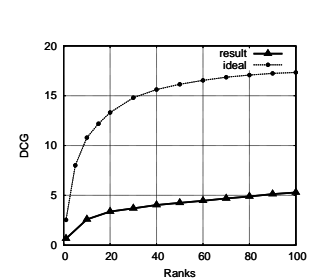
Discounted Cummulative
Gain Curve
($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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)