GRACE-LA2-1

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	GRACE-LA2-1
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:	47000
Relevant:	2492
Rel-ret:	1747

Summary Statistics	
Run ID	GRACE-LA2-1
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:	47000
Relevant:	3706
Rel-ret:	2654

Recall Level Precision Averages	
Recall	Precision
0.00	0.7400
0.10	0.4049
0.20	0.2767
0.30	0.2439
0.40	0.2133
0.50	0.1792
0.60	0.1418
0.70	0.0996
0.80	0.0728
0.90	0.0498
1.00	0.0217

Average precision over all relevant documents	
non-interpolated	0.1913

Document Level Averages	
	Precision
At 5 docs	0.3447
At 10 docs	0.3000
At 15 docs	0.2723
At 20 docs	0.2660
At 30 docs	0.2397
At 100 docs	0.1668
At 200 docs	0.1163
At 500 docs	0.0637
At 1000 docs	0.0372

R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2092

Recall Level Precision Averages	
Recall	Precision
0.00	0.8346
0.10	0.4598
0.20	0.3819
0.30	0.3213
0.40	0.2767
0.50	0.2248
0.60	0.1839
0.70	0.1394
0.80	0.0908
0.90	0.0529
1.00	0.0110

Average precision over all relevant documents	
non-interpolated	0.2430

Document Level Averages	
	Precision
At 5 docs	0.4468
At 10 docs	0.4128
At 15 docs	0.3730
At 20 docs	0.3660
At 30 docs	0.3376
At 100 docs	0.2462
At 200 docs	0.1750
At 500 docs	0.0963
At 1000 docs	0.0565

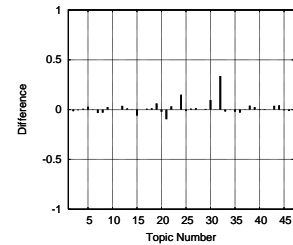| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2762
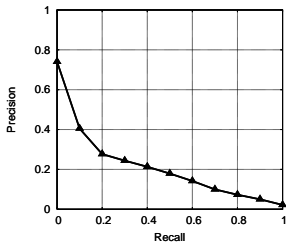
Recall-Precision Curve
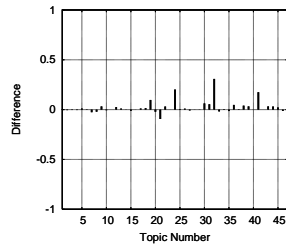
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*
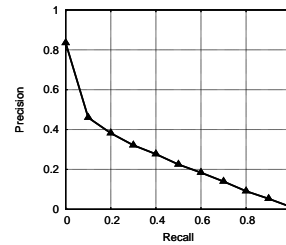

Recall-Precision Curve

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	1.4255
At 10 docs	4.1614
At 20 docs	5.4323
At 30 docs	6.3272
At 40 docs	6.9563
At 50 docs	7.5161
At 60 docs	8.0850
At 70 docs	8.5192
At 80 docs	8.8808
At 90 docs	9.2713
At 100 docs	9.7183
At 200 docs	11.6451
At 500 docs	13.7768
At 1000 docs	14.9258
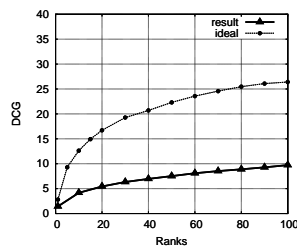
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 1$)	
	DCG
At 1 doc	1.5532
At 10 docs	4.7431
At 20 docs	6.2364
At 30 docs	7.3347
At 40 docs	8.1453
At 50 docs	8.8561
At 60 docs	9.5903
At 70 docs	10.1092
At 80 docs	10.5595
At 90 docs	11.0461
At 100 docs	11.5838
At 200 docs	14.0433
At 500 docs	16.7263
At 1000 docs	18.1920
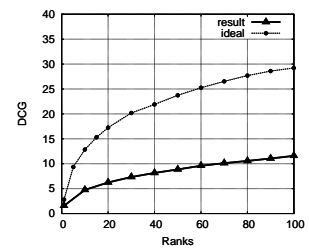
Discounted Cummulative Gain Curve ($G_S = 3$, $G_A = 2$, $G_B = 1$)

* 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	GRACE-LA2-1
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:	47000
Relevant:	3558
Rel-ret:	2388

Summary Statistics	
Run ID	GRACE-LA2-1
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:	47000
Relevant:	4928
Rel-ret:	3354

Recall Level Precision Averages	
Recall	Precision
0.00	0.7727
0.10	0.3789
0.20	0.3259
0.30	0.2709
0.40	0.2316
0.50	0.1816
0.60	0.1490
0.70	0.0849
0.80	0.0546
0.90	0.0245
1.00	0.0069

Average precision over all relevant documents	
non-interpolated	0.1959

Document Level Averages	
	Precision
At 5 docs	0.4085
At 10 docs	0.3723
At 15 docs	0.3390
At 20 docs	0.3330
At 30 docs	0.2964
At 100 docs	0.2060
At 200 docs	0.1495
At 500 docs	0.0849
At 1000 docs	0.0508

R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2317

Recall Level Precision Averages	
Recall	Precision
0.00	0.8671
0.10	0.4683
0.20	0.3995
0.30	0.3377
0.40	0.2702
0.50	0.2202
0.60	0.1677
0.70	0.1039
0.80	0.0554
0.90	0.0137
1.00	0.0013

Average precision over all relevant documents	
non-interpolated	0.2352

Document Level Averages	
	Precision
At 5 docs	0.5106
At 10 docs	0.4809
At 15 docs	0.4369
At 20 docs	0.4255
At 30 docs	0.3887
At 100 docs	0.2836
At 200 docs	0.2083
At 500 docs	0.1183
At 1000 docs	0.0714

R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2858
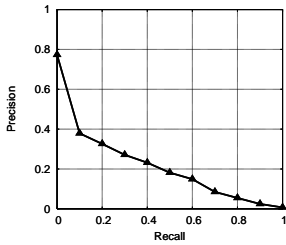
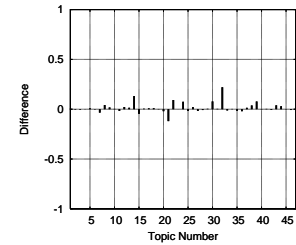Recall-Precision Curve
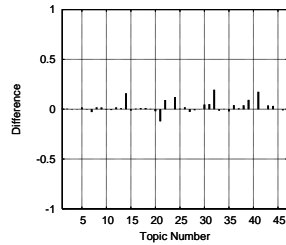
Difference from Median in
Average Precision per Topic
(over 6 'automatic' and
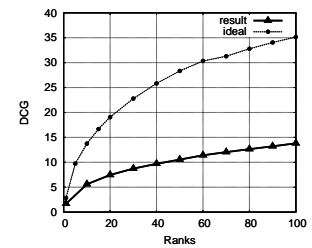'TITLE and RDOC[1]' runs)*
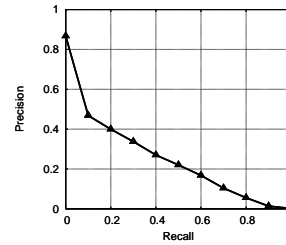
Recall-Precision Curve

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	1.5319
At 10 docs	5.0186
At 20 docs	6.6867
At 30 docs	7.7640
At 40 docs	8.5504
At 50 docs	9.2380
At 60 docs	9.9466
At 70 docs	10.5043
At 80 docs	11.0021
At 90 docs	11.4689
At 100 docs	11.9774
At 200 docs	14.7432
At 500 docs	17.8791
At 1000 docs	19.7194
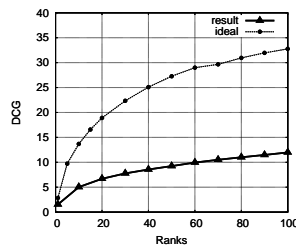
Discounted Cummulative
Gain Curve
($G_S = 3$, $G_A = 2$, $G_B = 0$)

Discounted ($\log_2$) Cummulative Gain Averages ($G_S = 3$, $G_A = 2$, $G_B = 0$)	
	DCG
At 1 doc	1.6596
At 10 docs	5.5890
At 20 docs	7.4538
At 30 docs	8.7296
At 40 docs	9.6934
At 50 docs	10.5397
At 60 docs	11.3988
At 70 docs	12.0447
At 80 docs	12.6345
At 90 docs	13.2075
At 100 docs	13.8002
At 200 docs	17.1245
At 500 docs	20.8598
At 1000 docs	23.1067

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)