

GRACE-LA1-2

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	GRACE-LA1-2
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:	47000
Relevant:	2492
Rel-ret:	1695

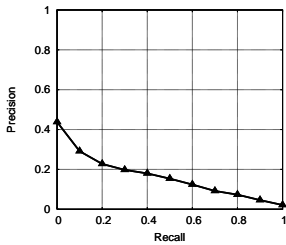
Summary Statistics	
Run ID	GRACE-LA1-2
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	3706
Rel-ret:	2604

Recall Level Precision Averages	
Recall	Precision
0.00	0.4378
0.10	0.2914
0.20	0.2275
0.30	0.1975
0.40	0.1798
0.50	0.1536
0.60	0.1239
0.70	0.0917
0.80	0.0732
0.90	0.0459
1.00	0.0211
Average precision over all relevant documents	
non-interpolated	0.1489

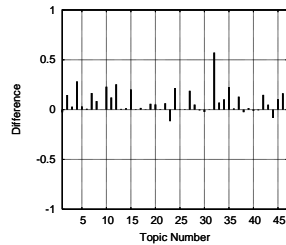
Document Level Averages	
	Precision
At 5 docs	0.2170
At 10 docs	0.2106
At 15 docs	0.2028
At 20 docs	0.2011
At 30 docs	0.1979
At 100 docs	0.1398
At 200 docs	0.1023
At 500 docs	0.0586
At 1000 docs	0.0361
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1739

Recall Level Precision Averages	
Recall	Precision
0.00	0.5414
0.10	0.3733
0.20	0.3248
0.30	0.2899
0.40	0.2549
0.50	0.2123
0.60	0.1718
0.70	0.1287
0.80	0.0958
0.90	0.0490
1.00	0.0135
Average precision over all relevant documents	
non-interpolated	0.2061

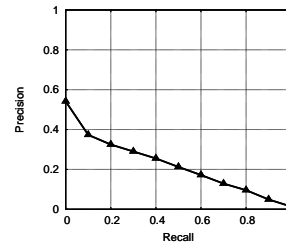
Document Level Averages	
	Precision
At 5 docs	0.3404
At 10 docs	0.3404
At 15 docs	0.3291
At 20 docs	0.3170
At 30 docs	0.2972
At 100 docs	0.2149
At 200 docs	0.1603
At 500 docs	0.0916
At 1000 docs	0.0554
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2361



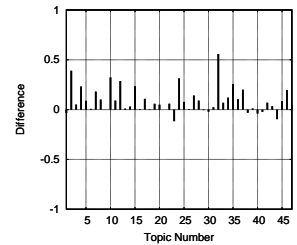
Recall-Precision Curve



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

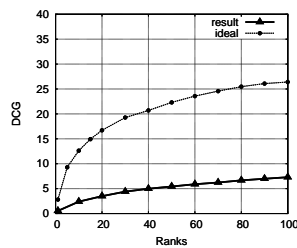


Recall-Precision Curve



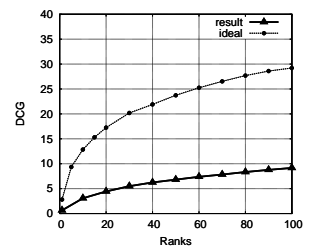
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.5319
At 10 docs	2.3901
At 20 docs	3.4871
At 30 docs	4.4004
At 40 docs	4.9773
At 50 docs	5.4292
At 60 docs	5.8853
At 70 docs	6.2283
At 80 docs	6.6581
At 90 docs	6.9801
At 100 docs	7.2873
At 200 docs	9.1755
At 500 docs	11.3719
At 1000 docs	12.8568



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	0.6383
At 10 docs	3.0686
At 20 docs	4.4306
At 30 docs	5.4870
At 40 docs	6.2368
At 50 docs	6.8090
At 60 docs	7.3715
At 70 docs	7.8311
At 80 docs	8.3361
At 90 docs	8.7643
At 100 docs	9.1492
At 200 docs	11.6103
At 500 docs	14.4023
At 1000 docs	16.1874



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-LA1-2
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:	47000
Relevant:	3558
Rel-ret:	2282

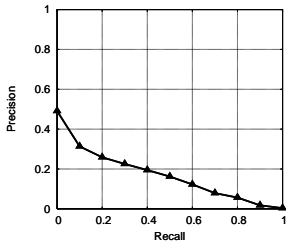
Summary Statistics	
Run ID	GRACE-LA1-2
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents&links
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	4928
Rel-ret:	3238

Recall Level Precision Averages	
Recall	Precision
0.00	0.4910
0.10	0.3134
0.20	0.2587
0.30	0.2254
0.40	0.1945
0.50	0.1622
0.60	0.1226
0.70	0.0790
0.80	0.0565
0.90	0.0176
1.00	0.0036
Average precision over all relevant documents	
non-interpolated	0.1548

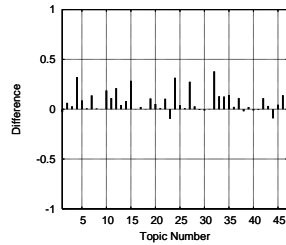
Document Level Averages	
	Precision
At 5 docs	0.2553
At 10 docs	0.2447
At 15 docs	0.2440
At 20 docs	0.2521
At 30 docs	0.2454
At 100 docs	0.1789
At 200 docs	0.1321
At 500 docs	0.0774
At 1000 docs	0.0486
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2019

Recall Level Precision Averages	
Recall	Precision
0.00	0.5897
0.10	0.4051
0.20	0.3484
0.30	0.2988
0.40	0.2453
0.50	0.2027
0.60	0.1452
0.70	0.1007
0.80	0.0551
0.90	0.0090
1.00	0.0021
Average precision over all relevant documents	
non-interpolated	0.2000

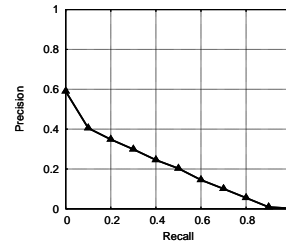
Document Level Averages	
	Precision
At 5 docs	0.3872
At 10 docs	0.3830
At 15 docs	0.3787
At 20 docs	0.3713
At 30 docs	0.3461
At 100 docs	0.2530
At 200 docs	0.1905
At 500 docs	0.1115
At 1000 docs	0.0689
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2466



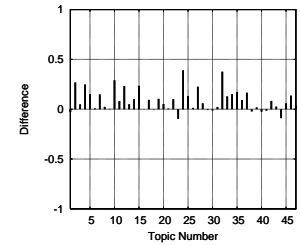
Recall-Precision Curve



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

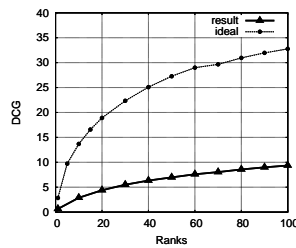


Recall-Precision Curve



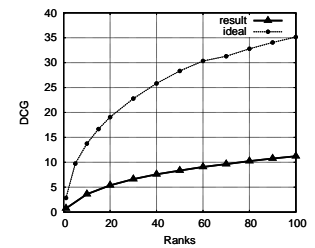
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.6383
At 10 docs	2.8802
At 20 docs	4.3888
At 30 docs	5.4970
At 40 docs	6.3303
At 50 docs	6.9677
At 60 docs	7.5894
At 70 docs	8.0348
At 80 docs	8.5603
At 90 docs	8.9815
At 100 docs	9.3503
At 200 docs	11.8734
At 500 docs	14.9750
At 1000 docs	17.1396



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	0.7447
At 10 docs	3.5989
At 20 docs	5.3696
At 30 docs	6.6164
At 40 docs	7.5858
At 50 docs	8.3315
At 60 docs	9.0634
At 70 docs	9.6290
At 80 docs	10.2332
At 90 docs	10.7575
At 100 docs	11.2136
At 200 docs	14.3365
At 500 docs	18.0851
At 1000 docs	20.6010



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)