

GRACE-LA2-4

(1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	GRACE-LA2-4
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:	1902

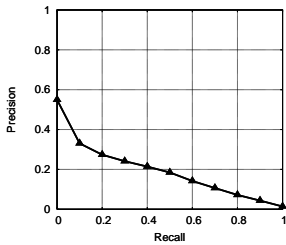
Summary Statistics	
Run ID	GRACE-LA2-4
Subtask	I-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	3706
Rel-ret:	2833

Recall Level Precision Averages	
Recall	Precision
0.00	0.5491
0.10	0.3305
0.20	0.2736
0.30	0.2411
0.40	0.2142
0.50	0.1845
0.60	0.1417
0.70	0.1064
0.80	0.0717
0.90	0.0433
1.00	0.0138
Average precision over all relevant documents	
non-interpolated	0.1769

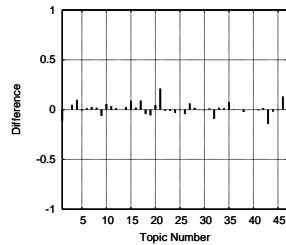
Document Level Averages	
	Precision
At 5 docs	0.2766
At 10 docs	0.2468
At 15 docs	0.2468
At 20 docs	0.2330
At 30 docs	0.2355
At 100 docs	0.1689
At 200 docs	0.1234
At 500 docs	0.0681
At 1000 docs	0.0405
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2077

Recall Level Precision Averages	
Recall	Precision
0.00	0.6323
0.10	0.4232
0.20	0.3860
0.30	0.3277
0.40	0.2829
0.50	0.2441
0.60	0.2008
0.70	0.1424
0.80	0.0984
0.90	0.0487
1.00	0.0064
Average precision over all relevant documents	
non-interpolated	0.2357

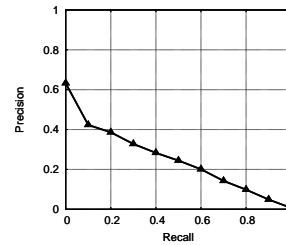
Document Level Averages	
	Precision
At 5 docs	0.4170
At 10 docs	0.3745
At 15 docs	0.3617
At 20 docs	0.3394
At 30 docs	0.3312
At 100 docs	0.2436
At 200 docs	0.1805
At 500 docs	0.1014
At 1000 docs	0.0603
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2570



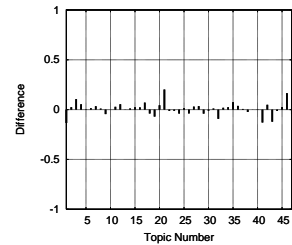
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

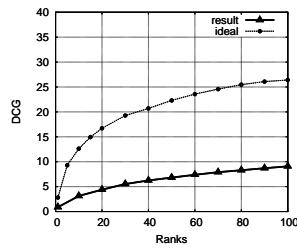


Recall-Precision Curve



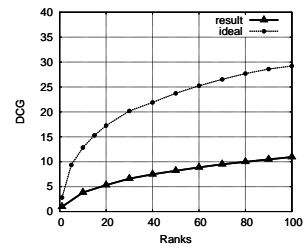
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8723
At 10 docs	3.1235
At 20 docs	4.3884
At 30 docs	5.5196
At 40 docs	6.2376
At 50 docs	6.8105
At 60 docs	7.3770
At 70 docs	7.9018
At 80 docs	8.2936
At 90 docs	8.6948
At 100 docs	9.0702
At 200 docs	11.3258
At 500 docs	13.6342
At 1000 docs	15.0199



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	0.9574
At 10 docs	3.8248
At 20 docs	5.3091
At 30 docs	6.6011
At 40 docs	7.4688
At 50 docs	8.1894
At 60 docs	8.8628
At 70 docs	9.4862
At 80 docs	9.9735
At 90 docs	10.4707
At 100 docs	10.9365
At 200 docs	13.7441
At 500 docs	16.6853
At 1000 docs	18.4044



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-LA2-4
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:	2490

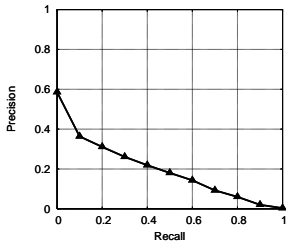
Summary Statistics	
Run ID	GRACE-LA2-4
Subtask	I-A2
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE and RDOC[1]
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	47000
Relevant:	4928
Rel-ret:	3480

Recall Level Precision Averages	
Recall	Precision
0.00	0.5855
0.10	0.3634
0.20	0.3109
0.30	0.2608
0.40	0.2189
0.50	0.1803
0.60	0.1432
0.70	0.0926
0.80	0.0602
0.90	0.0203
1.00	0.0034
Average precision over all relevant documents	
non-interpolated	0.1811

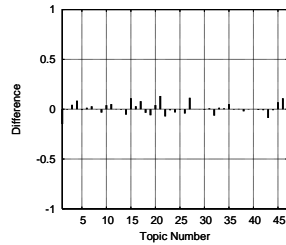
Document Level Averages	
	Precision
At 5 docs	0.3149
At 10 docs	0.2915
At 15 docs	0.3021
At 20 docs	0.2915
At 30 docs	0.2908
At 100 docs	0.2113
At 200 docs	0.1541
At 500 docs	0.0876
At 1000 docs	0.0530
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2275

Recall Level Precision Averages	
Recall	Precision
0.00	0.6593
0.10	0.4656
0.20	0.3916
0.30	0.3320
0.40	0.2741
0.50	0.2276
0.60	0.1692
0.70	0.1104
0.80	0.0665
0.90	0.0135
1.00	0.0014
Average precision over all relevant documents	
non-interpolated	0.2270

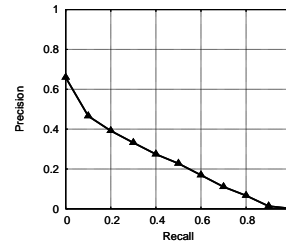
Document Level Averages	
	Precision
At 5 docs	0.4553
At 10 docs	0.4085
At 15 docs	0.4085
At 20 docs	0.3926
At 30 docs	0.3809
At 100 docs	0.2849
At 200 docs	0.2117
At 500 docs	0.1223
At 1000 docs	0.0740
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2735



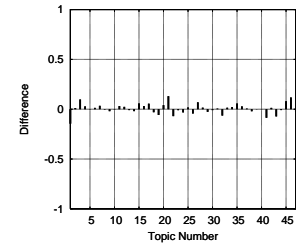
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

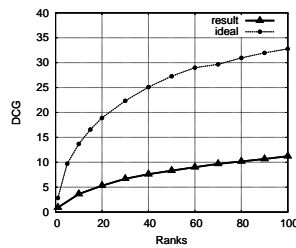


Recall-Precision Curve



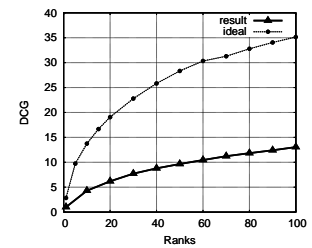
Difference from Median in Average Precision per Topic (over 6 'automatic' and 'TITLE and RDOC[1]' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.9149
At 10 docs	3.6244
At 20 docs	5.2998
At 30 docs	6.6873
At 40 docs	7.6033
At 50 docs	8.3195
At 60 docs	9.0143
At 70 docs	9.6763
At 80 docs	10.1709
At 90 docs	10.6583
At 100 docs	11.2150
At 200 docs	14.0848
At 500 docs	17.3319
At 1000 docs	19.3453



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
At 10 docs	4.2899
At 20 docs	6.1841
At 30 docs	7.7190
At 40 docs	8.7809
At 50 docs	9.6486
At 60 docs	10.4465
At 70 docs	11.2214
At 80 docs	11.8287
At 90 docs	12.4120
At 100 docs	13.0429
At 200 docs	16.4916
At 500 docs	20.4463
At 1000 docs	22.8486



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)