

# ORGREF-LA1-4

## (1) Evaluation Result without Considering Links

Summary Statistics	
Run ID	ORGREF-LA1-4
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46836
Relevant:	2492
Rel-ret:	971

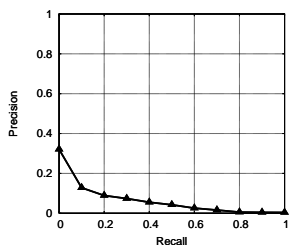
Summary Statistics	
Run ID	ORGREF-LA1-4
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46836
Relevant:	3706
Rel-ret:	1499

Recall Level Precision Averages	
Recall	Precision
0.00	0.3210
0.10	0.1280
0.20	0.0889
0.30	0.0737
0.40	0.0551
0.50	0.0425
0.60	0.0256
0.70	0.0160
0.80	0.0055
0.90	0.0044
1.00	0.0039
Average precision over all relevant documents	
non-interpolated	0.0526

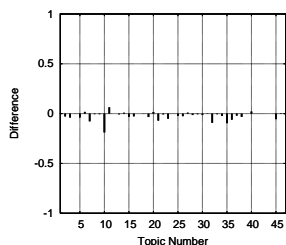
Document Level Averages	
	Precision
At 5 docs	0.1191
At 10 docs	0.1106
At 15 docs	0.1007
At 20 docs	0.0968
At 30 docs	0.0972
At 100 docs	0.0804
At 200 docs	0.0556
At 500 docs	0.0331
At 1000 docs	0.0207
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0846

Recall Level Precision Averages	
Recall	Precision
0.00	0.4719
0.10	0.2114
0.20	0.1540
0.30	0.1148
0.40	0.0867
0.50	0.0652
0.60	0.0358
0.70	0.0196
0.80	0.0046
0.90	0.0006
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0827

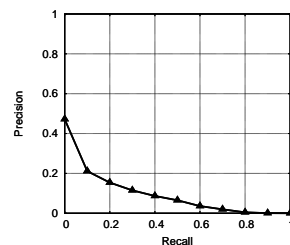
Document Level Averages	
	Precision
At 5 docs	0.2468
At 10 docs	0.2021
At 15 docs	0.1901
At 20 docs	0.1872
At 30 docs	0.1745
At 100 docs	0.1323
At 200 docs	0.0912
At 500 docs	0.0525
At 1000 docs	0.0319
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1350



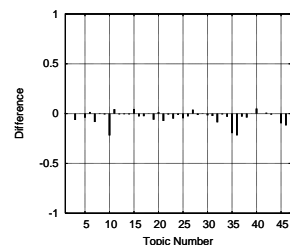
Recall-Precision Curve



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

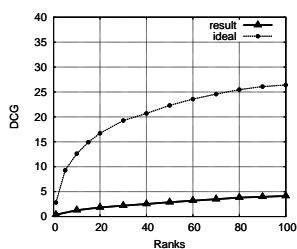


Recall-Precision Curve



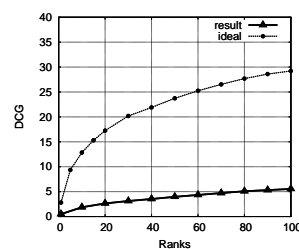
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cummulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	0.3617
At 10 docs	1.2752
At 20 docs	1.8285
At 30 docs	2.1858
At 40 docs	2.5176
At 50 docs	2.8688
At 60 docs	3.1835
At 70 docs	3.4792
At 80 docs	3.8002
At 90 docs	3.9593
At 100 docs	4.1272
At 200 docs	5.0302
At 500 docs	6.4280
At 1000 docs	7.2806



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	0.4894
At 10 docs	1.8616
At 20 docs	2.6324
At 30 docs	3.1134
At 40 docs	3.5230
At 50 docs	3.9592
At 60 docs	4.3327
At 70 docs	4.7098
At 80 docs	5.0750
At 90 docs	5.3104
At 100 docs	5.5365
At 200 docs	6.7095
At 500 docs	8.4145
At 1000 docs	9.4269



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	ORGREF-LA1-4
Subtask	I-A1
Relevant Level	Level1 (H or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46836
Relevant:	3558
Rel-ret:	1260

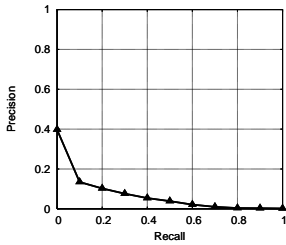
Summary Statistics	
Run ID	ORGREF-LA1-4
Subtask	I-A1
Relevant Level	Level2 (H, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	47
Total number of documents over all topics	
Retrieved:	46836
Relevant:	4928
Rel-ret:	1816

Recall Level Precision Averages	
Recall	Precision
0.00	0.3974
0.10	0.1346
0.20	0.1024
0.30	0.0762
0.40	0.0539
0.50	0.0388
0.60	0.0212
0.70	0.0100
0.80	0.0038
0.90	0.0030
1.00	0.0018
Average precision over all relevant documents	
non-interpolated	0.0554

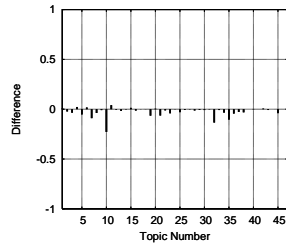
Document Level Averages	
	Precision
At 5 docs	0.1574
At 10 docs	0.1447
At 15 docs	0.1277
At 20 docs	0.1234
At 30 docs	0.1177
At 100 docs	0.0989
At 200 docs	0.0694
At 500 docs	0.0429
At 1000 docs	0.0268
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0983

Recall Level Precision Averages	
Recall	Precision
0.00	0.5350
0.10	0.2087
0.20	0.1552
0.30	0.1084
0.40	0.0742
0.50	0.0520
0.60	0.0269
0.70	0.0035
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0787

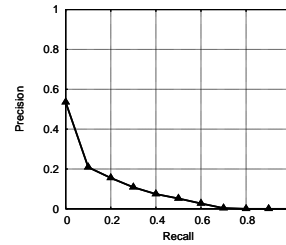
Document Level Averages	
	Precision
At 5 docs	0.2809
At 10 docs	0.2340
At 15 docs	0.2156
At 20 docs	0.2096
At 30 docs	0.1922
At 100 docs	0.1506
At 200 docs	0.1057
At 500 docs	0.0628
At 1000 docs	0.0386
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.1385



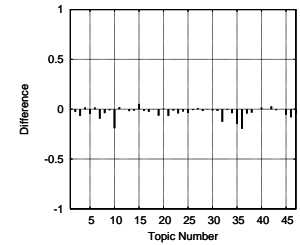
Recall-Precision Curve



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

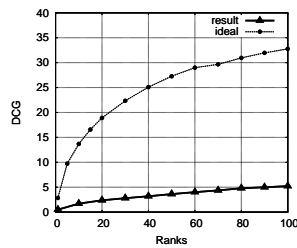


Recall-Precision Curve



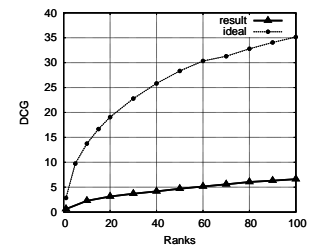
Difference from Median in Average Precision per Topic (over 14 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cummulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	0.4894
At 10 docs	1.6978
At 20 docs	2.3642
At 30 docs	2.7970
At 40 docs	3.1784
At 50 docs	3.6144
At 60 docs	4.0030
At 70 docs	4.3554
At 80 docs	4.7855
At 90 docs	4.9875
At 100 docs	5.2200
At 200 docs	6.3689
At 500 docs	8.3432
At 1000 docs	9.5099



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	2.2657
At 20 docs	3.1292
At 30 docs	3.6907
At 40 docs	4.1624
At 50 docs	4.6911
At 60 docs	5.1422
At 70 docs	5.5724
At 80 docs	6.0434
At 90 docs	6.3151
At 100 docs	6.6090
At 200 docs	8.0547
At 500 docs	10.3476
At 1000 docs	11.7098



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 )