

(1) Evaluation Result when Considering Links ('Survey'-type Evaluation)

Summary Statistics	
Run ID	DBLAB-tt-02
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	3893
Rel-ret:	2257

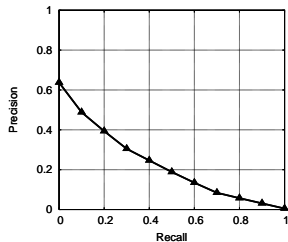
Summary Statistics	
Run ID	DBLAB-tt-02
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	3132

Recall Level Precision Averages	
Recall	Precision
0.00	0.6372
0.10	0.4882
0.20	0.3934
0.30	0.3046
0.40	0.2463
0.50	0.1883
0.60	0.1346
0.70	0.0840
0.80	0.0571
0.90	0.0309
1.00	0.0050
Average precision over all relevant documents	
non-interpolated	0.2155

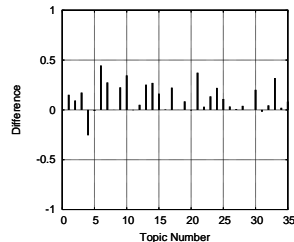
Document Level Averages	
	Precision
At 5 docs	0.4457
At 10 docs	0.3943
At 15 docs	0.3733
At 20 docs	0.3586
At 30 docs	0.3295
At 100 docs	0.2286
At 200 docs	0.1701
At 500 docs	0.1007
At 1000 docs	0.0645
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2421

Recall Level Precision Averages	
Recall	Precision
0.00	0.7021
0.10	0.5352
0.20	0.4425
0.30	0.3482
0.40	0.2723
0.50	0.2157
0.60	0.1505
0.70	0.0950
0.80	0.0535
0.90	0.0264
1.00	0.0042
Average precision over all relevant documents	
non-interpolated	0.2401

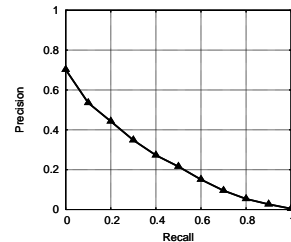
Document Level Averages	
	Precision
At 5 docs	0.5086
At 10 docs	0.4771
At 15 docs	0.4514
At 20 docs	0.4457
At 30 docs	0.4219
At 100 docs	0.3086
At 200 docs	0.2336
At 500 docs	0.1406
At 1000 docs	0.0895
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.2814



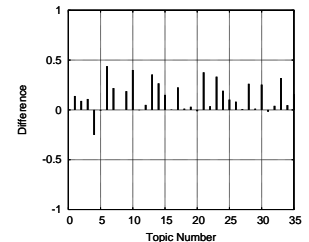
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)\*

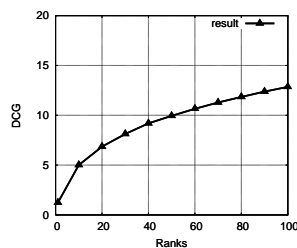


Recall-Precision Curve



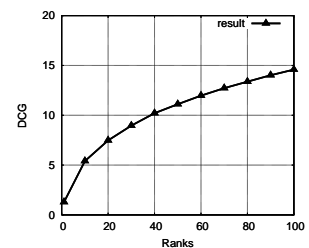
Difference from Median in Average Precision per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	1.2286
At 10 docs	5.0062
At 20 docs	6.8500
At 30 docs	8.1202
At 40 docs	9.1865
At 50 docs	9.9398
At 60 docs	10.6495
At 70 docs	11.2801
At 80 docs	11.8387
At 90 docs	12.3727
At 100 docs	12.8458
At 200 docs	16.1343
At 500 docs	20.3107
At 1000 docs	23.4989



Discounted Cumulative Gain Curve ( $G_S = 3, G_A = 2, G_B = 0$ )

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	1.2857
At 10 docs	5.4020
At 20 docs	7.4758
At 30 docs	8.9605
At 40 docs	10.2049
At 50 docs	11.1093
At 60 docs	11.9669
At 70 docs	12.7206
At 80 docs	13.3709
At 90 docs	14.0162
At 100 docs	14.5849
At 200 docs	18.5298
At 500 docs	23.5813
At 1000 docs	27.3049



Discounted Cumulative 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 )  
 Topic IDs: ( 1,3,4,6,19,21,22,23,28,29,34,44,45,55,58,61,62,63,65,68,70,71,73,74,76,80,82,84,86,88,91,95,97,98,99 )

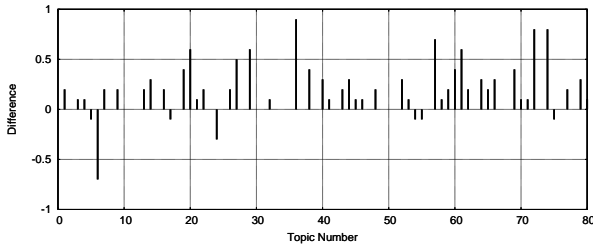
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	DBLAB-tt-02
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

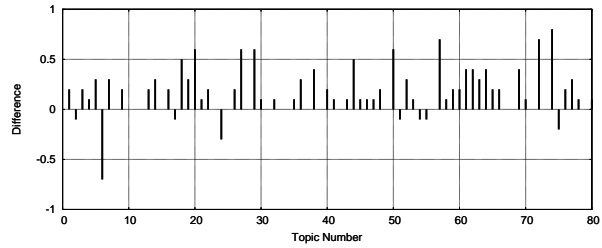
Summary Statistics	
Run ID	DBLAB-tt-02
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	TITLE only
Contents/Links Used	contents only
Number of Topics	80

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level1) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.4050	0.5577	28	0.3500
At 10 docs	0.3750	0.5712	21	0.2625
At 15 docs	0.3533	0.5751	17	0.2125
At 20 docs	0.3444	0.5766	15	0.1875

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.4900	0.6567	21	0.2625
At 10 docs	0.4675	0.6672	15	0.1875
At 15 docs	0.4400	0.6711	11	0.1375
At 20 docs	0.4344	0.6719	10	0.1250

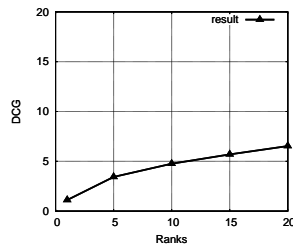


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*



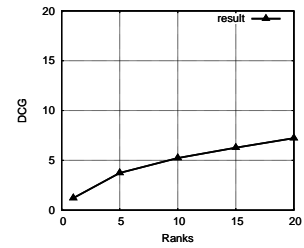
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 23 'automatic' and 'TITLE only' runs)\*

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 0$ )	
	DCG
At 1 doc	1.1125
At 5 doc	3.4329
At 10 docs	4.7569
At 15 docs	5.6948
At 20 docs	6.5295



Discounted Cumulative Gain Curve ( $G_S = 3, G_A = 2, G_B = 0$ )

Discounted ( $\log_2$ ) Cumulative Gain Averages ( $G_S = 3, G_A = 2, G_B = 1$ )	
	DCG
At 1 doc	1.2125
At 5 doc	3.7367
At 10 docs	5.2313
At 15 docs	6.2713
At 20 docs	7.2262



Discounted Cumulative 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, 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80 )  
 Topic IDs: ( 1, 2, 3, 4, 5, 6, 7, 9,11,14,15,19,21,22,23,24,25,26,28,29, 30, 31, 34, 38, 43, 44, 45, 46, 55, 57, 58, 60, 61, 62, 63, 65, 66, 67, 68, 70, 71,72,73,74,76,77,80,81,82,84,86,88,89,91,94,95,97,98,99,108,110,111,112,116,117,119,120,122,123,127,129,132,133,143,145,146,149,150,151,152 )