

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

Summary Statistics	
Run ID	DBLAB-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	3893
Rel-ret:	1960

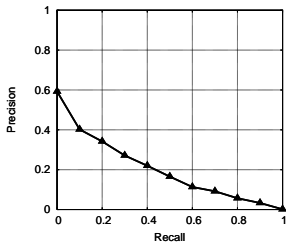
Summary Statistics	
Run ID	DBLAB-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	2809

Recall Level Precision Averages	
Recall	Precision
0.00	0.5923
0.10	0.4019
0.20	0.3417
0.30	0.2712
0.40	0.2197
0.50	0.1653
0.60	0.1130
0.70	0.0915
0.80	0.0567
0.90	0.0329
1.00	0.0012
Average precision over all relevant documents	
non-interpolated	0.1895

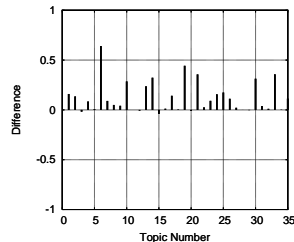
Document Level Averages	
	Precision
At 5 docs	0.3829
At 10 docs	0.3543
At 15 docs	0.3391
At 20 docs	0.3186
At 30 docs	0.3019
At 100 docs	0.2074
At 200 docs	0.1530
At 500 docs	0.0885
At 1000 docs	0.0560
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.2189

Recall Level Precision Averages	
Recall	Precision
0.00	0.6384
0.10	0.4601
0.20	0.3954
0.30	0.3129
0.40	0.2450
0.50	0.1807
0.60	0.1300
0.70	0.0922
0.80	0.0588
0.90	0.0252
1.00	0.0003
Average precision over all relevant documents	
non-interpolated	0.2115

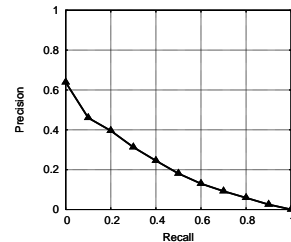
Document Level Averages	
	Precision
At 5 docs	0.4400
At 10 docs	0.4229
At 15 docs	0.4076
At 20 docs	0.4029
At 30 docs	0.3857
At 100 docs	0.2791
At 200 docs	0.2106
At 500 docs	0.1280
At 1000 docs	0.0803
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.2541



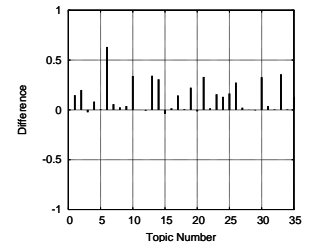
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

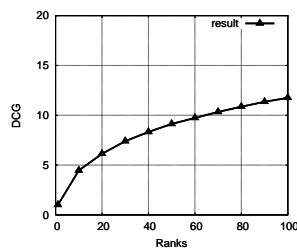


Recall-Precision Curve



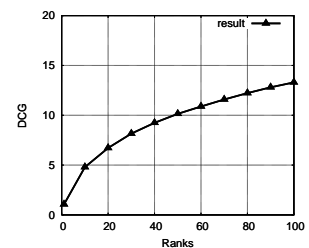
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	1
At 10 docs	4.4613
At 20 docs	6.1317
At 30 docs	7.3986
At 40 docs	8.3228
At 50 docs	9.1277
At 60 docs	9.7299
At 70 docs	10.3319
At 80 docs	10.8583
At 90 docs	11.3482
At 100 docs	11.7476
At 200 docs	14.7418
At 500 docs	18.3976
At 1000 docs	21.1413



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	1.0571
At 10 docs	4.7934
At 20 docs	6.7147
At 30 docs	8.1592
At 40 docs	9.2388
At 50 docs	10.1424
At 60 docs	10.8776
At 70 docs	11.5839
At 80 docs	12.2247
At 90 docs	12.8036
At 100 docs	13.2986
At 200 docs	16.8997
At 500 docs	21.5583
At 1000 docs	24.7766



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)

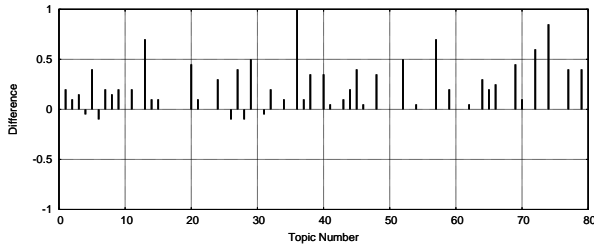
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	DBLAB-ds-01
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

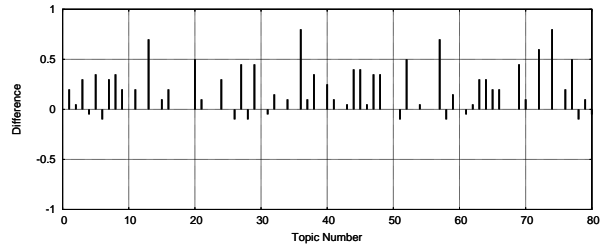
Summary Statistics	
Run ID	DBLAB-ds-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

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	0.3800	0.5342	26	0.3250
At 10 docs	0.3613	0.5446	20	0.2500
At 15 docs	0.3525	0.5514	13	0.1625
At 20 docs	0.3281	0.5520	12	0.1500

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	0.4475	0.6060	20	0.2500
At 10 docs	0.4350	0.6128	16	0.2000
At 15 docs	0.4267	0.6187	10	0.1250
At 20 docs	0.4100	0.6194	9	0.1125

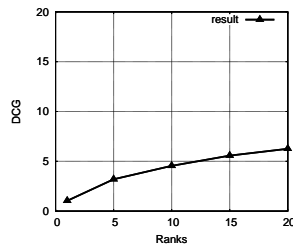


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



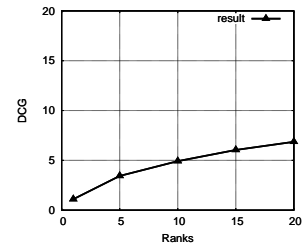
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	1.0375
At 5 doc	3.1972
At 10 docs	4.5465
At 15 docs	5.5698
At 20 docs	6.2572



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	1.1000
At 5 doc	3.4348
At 10 docs	4.9197
At 15 docs	6.0450
At 20 docs	6.8591



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, 41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59, 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)