

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

Summary Statistics	
Run ID	K3100-ds-02
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	11518
Relevant:	3893
Rel-ret:	25

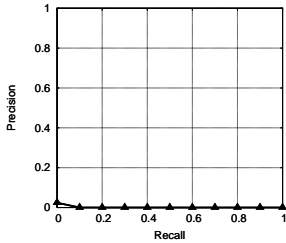
Summary Statistics	
Run ID	K3100-ds-02
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	11518
Relevant:	5687
Rel-ret:	38

Recall Level Precision Averages	
Recall	Precision
0.00	0.0240
0.10	0
0.20	0
0.30	0
0.40	0
0.50	0
0.60	0
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0003

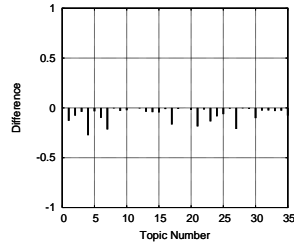
Document Level Averages	
	Precision
At 5 docs	0
At 10 docs	0.0114
At 15 docs	0.0076
At 20 docs	0.0114
At 30 docs	0.0095
At 100 docs	0.0051
At 200 docs	0.0030
At 500 docs	0.0013
At 1000 docs	0.0007
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.0018

Recall Level Precision Averages	
Recall	Precision
0.00	0.0800
0.10	0
0.20	0
0.30	0
0.40	0
0.50	0
0.60	0
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0008

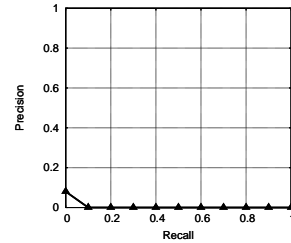
Document Level Averages	
	Precision
At 5 docs	0.0286
At 10 docs	0.0343
At 15 docs	0.0248
At 20 docs	0.0243
At 30 docs	0.0181
At 100 docs	0.0083
At 200 docs	0.0049
At 500 docs	0.0020
At 1000 docs	0.0011
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.0030



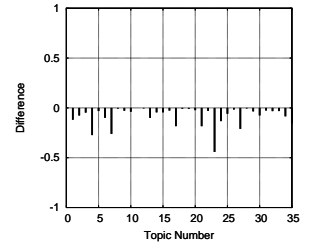
Recall-Precision Curve



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

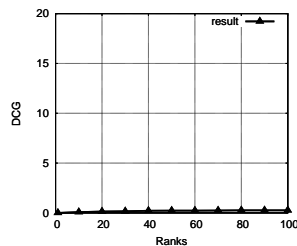


Recall-Precision Curve



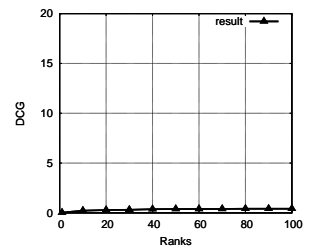
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0
At 10 docs	0.0803
At 20 docs	0.1363
At 30 docs	0.1621
At 40 docs	0.2172
At 50 docs	0.2274
At 60 docs	0.2274
At 70 docs	0.2369
At 80 docs	0.2552
At 90 docs	0.2552
At 100 docs	0.2552
At 200 docs	0.2795
At 500 docs	0.2866
At 1000 docs	0.3049



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	0.0286
At 10 docs	0.2224
At 20 docs	0.2859
At 30 docs	0.3117
At 40 docs	0.3725
At 50 docs	0.3877
At 60 docs	0.3877
At 70 docs	0.3972
At 80 docs	0.4155
At 90 docs	0.4155
At 100 docs	0.4155
At 200 docs	0.4475
At 500 docs	0.4546
At 1000 docs	0.4729



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)

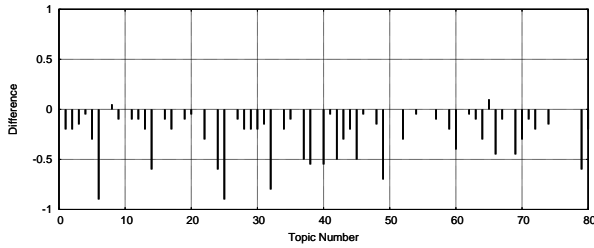
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	K3100-ds-02
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	80

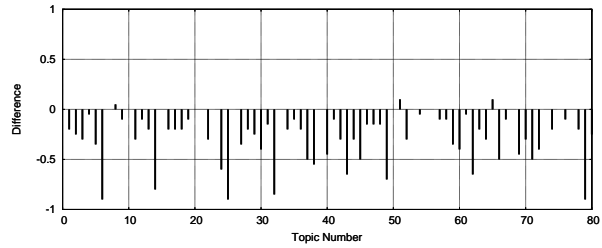
Summary Statistics	
Run ID	K3100-ds-02
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	80

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	0.0175	0.0473	62	0.7750
At 10 docs	0.0213	0.0556	57	0.7125
At 15 docs	0.0183	0.0556	57	0.7125
At 20 docs	0.0169	0.0572	55	0.6875

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	0.0325	0.0717	58	0.7250
At 10 docs	0.0350	0.0823	52	0.6500
At 15 docs	0.0283	0.0831	51	0.6375
At 20 docs	0.0250	0.0831	51	0.6375

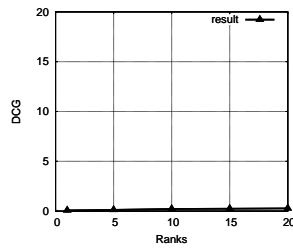


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



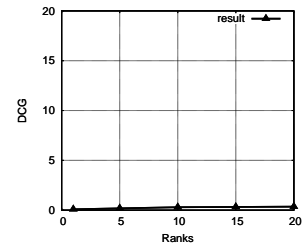
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.0750
At 5 doc	0.1265
At 10 docs	0.2158
At 15 docs	0.2433
At 20 docs	0.2741



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	0.0875
At 5 doc	0.1811
At 10 docs	0.2924
At 15 docs	0.3232
At 20 docs	0.3539



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, 78, 79, 80)
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)