

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

Summary Statistics	
Run ID	sstut-ds-01
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:	34532
Relevant:	3893
Rel-ret:	477

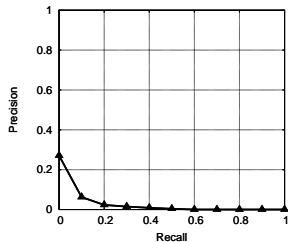
Summary Statistics	
Run ID	sstut-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	34532
Relevant:	5687
Rel-ret:	768

Recall Level Precision Averages	
Recall	Precision
0.00	0.2707
0.10	0.0624
0.20	0.0232
0.30	0.0147
0.40	0.0086
0.50	0.0037
0.60	0
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0195

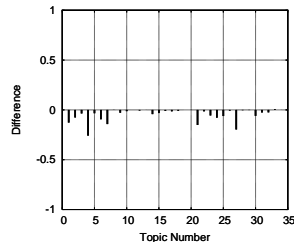
Document Level Averages	
	Precision
At 5 docs	0.1371
At 10 docs	0.1171
At 15 docs	0.1086
At 20 docs	0.0886
At 30 docs	0.0781
At 100 docs	0.0480
At 200 docs	0.0359
At 500 docs	0.0207
At 1000 docs	0.0136
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.0470

Recall Level Precision Averages	
Recall	Precision
0.00	0.3154
0.10	0.0601
0.20	0.0348
0.30	0.0195
0.40	0.0075
0.50	0.0053
0.60	0
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0224

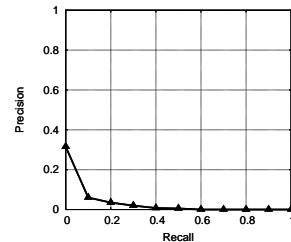
Document Level Averages	
	Precision
At 5 docs	0.1714
At 10 docs	0.1486
At 15 docs	0.1409
At 20 docs	0.1200
At 30 docs	0.1067
At 100 docs	0.0766
At 200 docs	0.0586
At 500 docs	0.0342
At 1000 docs	0.0219
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.0607



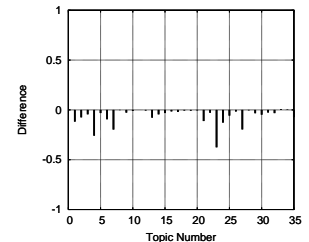
Recall-Precision Curve



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

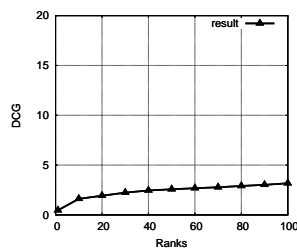


Recall-Precision Curve



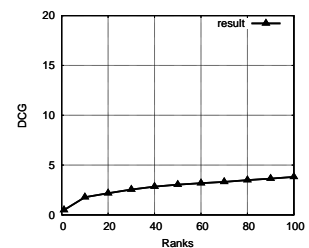
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.4571
At 10 docs	1.6094
At 20 docs	1.9216
At 30 docs	2.2345
At 40 docs	2.4500
At 50 docs	2.5693
At 60 docs	2.6785
At 70 docs	2.7730
At 80 docs	2.9014
At 90 docs	3.0173
At 100 docs	3.1736
At 200 docs	3.9060
At 500 docs	4.6963
At 1000 docs	5.4825



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	0.4857
At 10 docs	1.7750
At 20 docs	2.1755
At 30 docs	2.5439
At 40 docs	2.8366
At 50 docs	3.0345
At 60 docs	3.1832
At 70 docs	3.3108
At 80 docs	3.4895
At 90 docs	3.6409
At 100 docs	3.8146
At 200 docs	4.7685
At 500 docs	5.8623
At 1000 docs	6.7941



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)

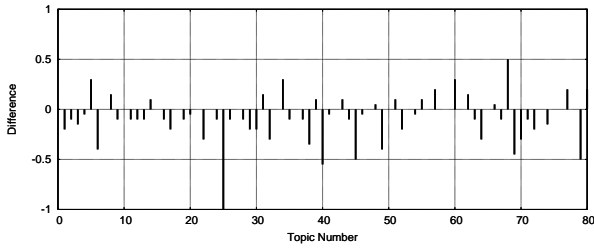
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	sstut-ds-01
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

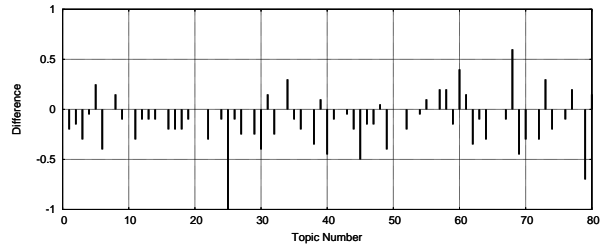
Summary Statistics	
Run ID	sstut-ds-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	links only
Number of Topics	80

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	0.1650	0.2623	49	0.6125
At 10 docs	0.1388	0.2701	44	0.5500
At 15 docs	0.1308	0.2751	39	0.4875
At 20 docs	0.1144	0.2757	38	0.4750

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	0.2125	0.3304	40	0.5000
At 10 docs	0.1800	0.3365	36	0.4500
At 15 docs	0.1692	0.3414	31	0.3875
At 20 docs	0.1506	0.3434	28	0.3500

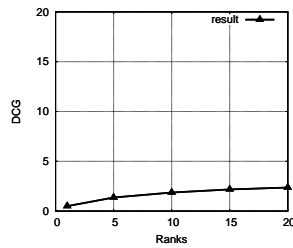


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



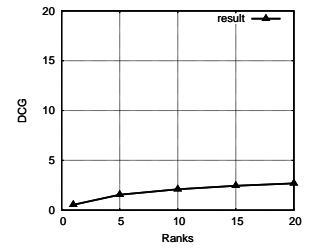
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.5000
At 5 doc	1.3657
At 10 docs	1.8667
At 15 docs	2.1763
At 20 docs	2.3687



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	0.5375
At 5 doc	1.5524
At 10 docs	2.0961
At 15 docs	2.4466
At 20 docs	2.6899



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)