

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

Summary Statistics	
Run ID	sstut-ds-02
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:	1665

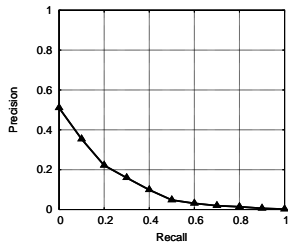
Summary Statistics	
Run ID	sstut-ds-02
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	2365

Recall Level Precision Averages	
Recall	Precision
0.00	0.5101
0.10	0.3535
0.20	0.2214
0.30	0.1591
0.40	0.0987
0.50	0.0475
0.60	0.0311
0.70	0.0192
0.80	0.0138
0.90	0.0059
1.00	0.0018
Average precision over all relevant documents	
non-interpolated	0.1129

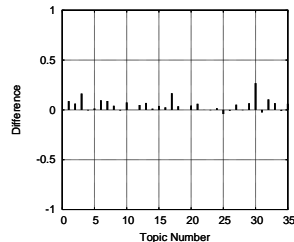
Document Level Averages	
	Precision
At 5 docs	0.3371
At 10 docs	0.2886
At 15 docs	0.2590
At 20 docs	0.2543
At 30 docs	0.2190
At 100 docs	0.1406
At 200 docs	0.1064
At 500 docs	0.0722
At 1000 docs	0.0476
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1623

Recall Level Precision Averages	
Recall	Precision
0.00	0.5905
0.10	0.3864
0.20	0.2497
0.30	0.1796
0.40	0.1291
0.50	0.0719
0.60	0.0408
0.70	0.0178
0.80	0.0149
0.90	0.0064
1.00	0
Average precision over all relevant documents	
non-interpolated	0.1319

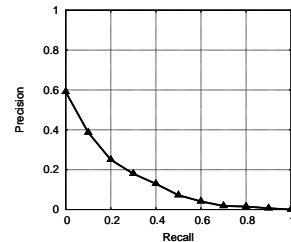
Document Level Averages	
	Precision
At 5 docs	0.4057
At 10 docs	0.3600
At 15 docs	0.3276
At 20 docs	0.3243
At 30 docs	0.2924
At 100 docs	0.2003
At 200 docs	0.1561
At 500 docs	0.1026
At 1000 docs	0.0676
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1890



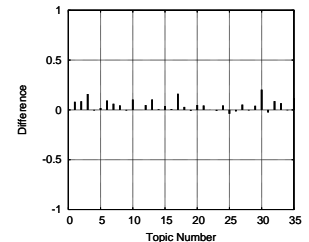
Recall-Precision Curve



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

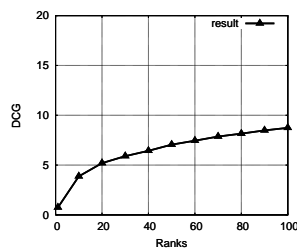


Recall-Precision Curve



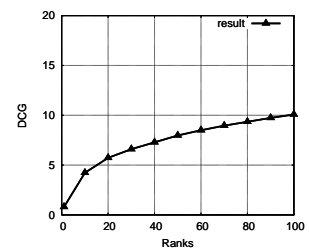
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7429
At 10 docs	3.8707
At 20 docs	5.1973
At 30 docs	5.8973
At 40 docs	6.4331
At 50 docs	7.0531
At 60 docs	7.4480
At 70 docs	7.8645
At 80 docs	8.1537
At 90 docs	8.4788
At 100 docs	8.7351
At 200 docs	10.9586
At 500 docs	14.8407
At 1000 docs	17.4139



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	0.8000
At 10 docs	4.2234
At 20 docs	5.7237
At 30 docs	6.5959
At 40 docs	7.2822
At 50 docs	7.9743
At 60 docs	8.4928
At 70 docs	8.9568
At 80 docs	9.3467
At 90 docs	9.7341
At 100 docs	10.0772
At 200 docs	12.8575
At 500 docs	17.3690
At 1000 docs	20.4499



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)

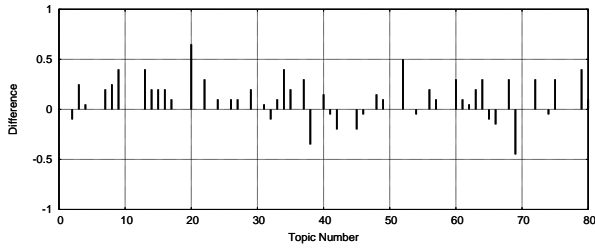
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	sstut-ds-02
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

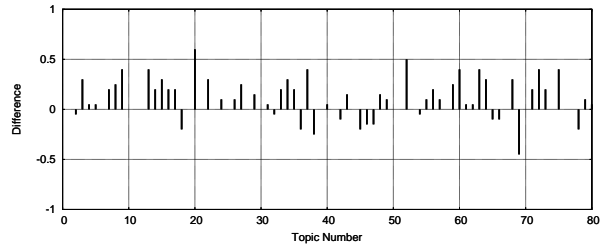
Summary Statistics	
Run ID	sstut-ds-02
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

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	0.3275	0.4746	26	0.3250
At 10 docs	0.2900	0.4843	21	0.2625
At 15 docs	0.2750	0.4880	17	0.2125
At 20 docs	0.2625	0.4887	16	0.2000

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	0.4100	0.5477	23	0.2875
At 10 docs	0.3700	0.5620	15	0.1875
At 15 docs	0.3483	0.5650	12	0.1500
At 20 docs	0.3338	0.5670	9	0.1125

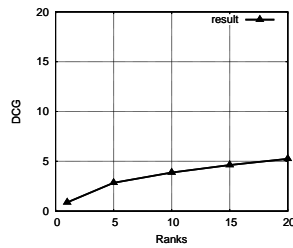


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



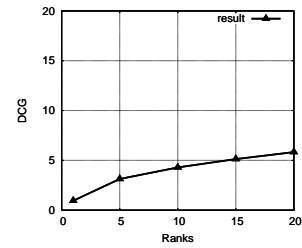
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.8750
At 5 doc	2.8438
At 10 docs	3.8716
At 15 docs	4.6269
At 20 docs	5.2492



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	0.9500
At 5 doc	3.1289
At 10 docs	4.2896
At 15 docs	5.1267
At 20 docs	5.8263



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)