

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

Summary Statistics	
Run ID	namazu-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:	397

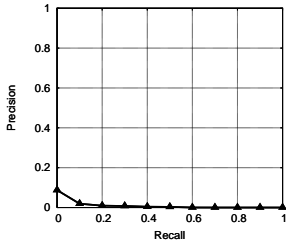
Summary Statistics	
Run ID	namazu-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	35
Total number of documents over all topics	
Retrieved:	35000
Relevant:	5687
Rel-ret:	657

Recall Level Precision Averages	
Recall	Precision
0.00	0.0873
0.10	0.0191
0.20	0.0093
0.30	0.0077
0.40	0.0040
0.50	0.0031
0.60	0.0002
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0080

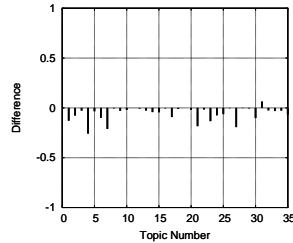
Document Level Averages	
	Precision
At 5 docs	0.0286
At 10 docs	0.0286
At 15 docs	0.0324
At 20 docs	0.0314
At 30 docs	0.0286
At 100 docs	0.0240
At 200 docs	0.0209
At 500 docs	0.0147
At 1000 docs	0.0113
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0194

Recall Level Precision Averages	
Recall	Precision
0.00	0.1353
0.10	0.0280
0.20	0.0130
0.30	0.0114
0.40	0.0069
0.50	0.0066
0.60	0
0.70	0
0.80	0
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0109

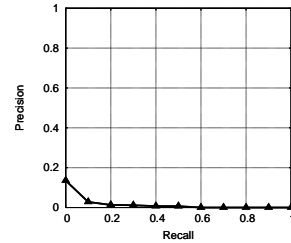
Document Level Averages	
	Precision
At 5 docs	0.0400
At 10 docs	0.0429
At 15 docs	0.0438
At 20 docs	0.0443
At 30 docs	0.0400
At 100 docs	0.0363
At 200 docs	0.0307
At 500 docs	0.0237
At 1000 docs	0.0188
R-Precision (precision after R docs retrieved (where R is the number of relevant documnets))	
Exact	0.0305



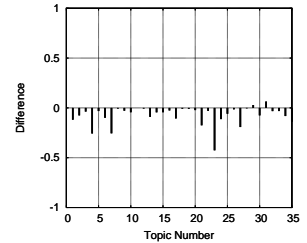
Recall-Precision Curve



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

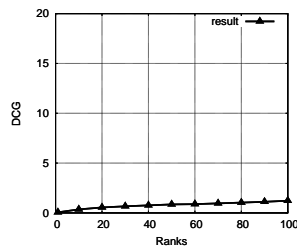


Recall-Precision Curve



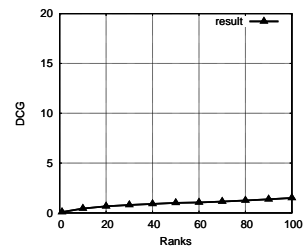
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.0571
At 10 docs	0.3511
At 20 docs	0.5470
At 30 docs	0.6631
At 40 docs	0.7557
At 50 docs	0.8500
At 60 docs	0.8800
At 70 docs	0.9557
At 80 docs	1.0332
At 90 docs	1.1135
At 100 docs	1.2219
At 200 docs	1.7487
At 500 docs	2.6358
At 1000 docs	3.5551



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	0.0857
At 10 docs	0.4374
At 20 docs	0.6619
At 30 docs	0.7956
At 40 docs	0.8993
At 50 docs	1.0039
At 60 docs	1.0485
At 70 docs	1.1386
At 80 docs	1.2481
At 90 docs	1.3641
At 100 docs	1.4985
At 200 docs	2.1296
At 500 docs	3.3147
At 1000 docs	4.5468



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)

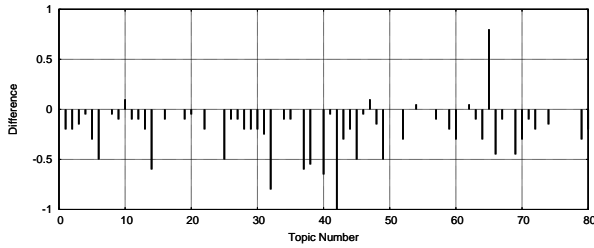
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	namazu-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

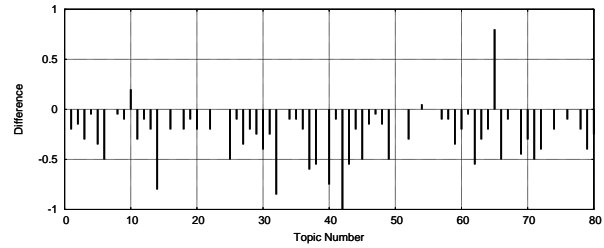
Summary Statistics	
Run ID	namazu-ds-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents only
Number of Topics	80

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	0.0500	0.0879	66	0.8250
At 10 docs	0.0525	0.0909	64	0.8000
At 15 docs	0.0533	0.0930	62	0.7750
At 20 docs	0.0481	0.0951	59	0.7375

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	0.0700	0.1233	62	0.7750
At 10 docs	0.0663	0.1282	59	0.7375
At 15 docs	0.0650	0.1311	56	0.7000
At 20 docs	0.0588	0.1331	53	0.6625

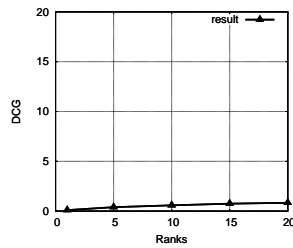


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



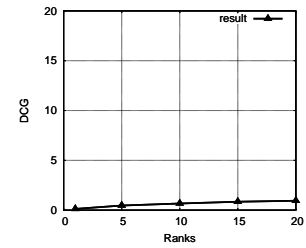
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.1000
At 5 doc	0.3954
At 10 docs	0.5803
At 15 docs	0.7510
At 20 docs	0.8382



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	0.1250
At 5 doc	0.4649
At 10 docs	0.6674
At 15 docs	0.8483
At 20 docs	0.9444



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)