

K3100-08

(1) Evaluation Result without Considering Links

| Summary Statistics | |
|---|-----------------|
| Run ID | K3100-08 |
| Subtask | I-A1 |
| Relevant Level | Level1 (H or A) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents&links |
| Number of Topics | 47 |
| Total number of documents over all topics | |
| Retrieved: | 46400 |
| Relevant: | 2492 |
| Rel-ret: | 1255 |

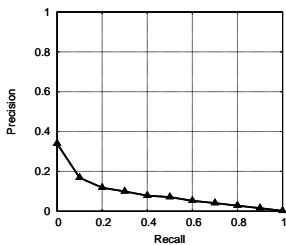
| Summary Statistics | |
|---|--------------------|
| Run ID | K3100-08 |
| Subtask | I-A1 |
| Relevant Level | Level2 (H, A or B) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents&links |
| Number of Topics | 47 |
| Total number of documents over all topics | |
| Retrieved: | 46400 |
| Relevant: | 3706 |
| Rel-ret: | 1916 |

| Recall Level Precision Averages | |
|---|-----------|
| Recall | Precision |
| 0.00 | 0.3395 |
| 0.10 | 0.1680 |
| 0.20 | 0.1182 |
| 0.30 | 0.0994 |
| 0.40 | 0.0782 |
| 0.50 | 0.0711 |
| 0.60 | 0.0524 |
| 0.70 | 0.0410 |
| 0.80 | 0.0280 |
| 0.90 | 0.0155 |
| 1.00 | 0.0019 |
| Average precision over all relevant documents | |
| non-interpolated | 0.0737 |

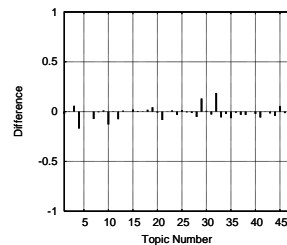
| Document Level Averages | |
|--|-----------|
| | Precision |
| At 5 docs | 0.1234 |
| At 10 docs | 0.1191 |
| At 15 docs | 0.1050 |
| At 20 docs | 0.1064 |
| At 30 docs | 0.1000 |
| At 100 docs | 0.0896 |
| At 200 docs | 0.0679 |
| At 500 docs | 0.0420 |
| At 1000 docs | 0.0267 |
| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets)) | |
| Exact | 0.0991 |

| Recall Level Precision Averages | |
|---|-----------|
| Recall | Precision |
| 0.00 | 0.4639 |
| 0.10 | 0.2199 |
| 0.20 | 0.1621 |
| 0.30 | 0.1309 |
| 0.40 | 0.1085 |
| 0.50 | 0.0986 |
| 0.60 | 0.0673 |
| 0.70 | 0.0504 |
| 0.80 | 0.0341 |
| 0.90 | 0.0149 |
| 1.00 | 0.0024 |
| Average precision over all relevant documents | |
| non-interpolated | 0.0980 |

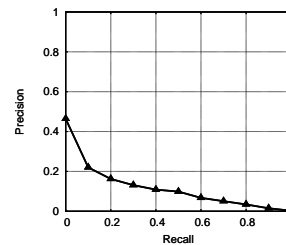
| Document Level Averages | |
|--|-----------|
| | Precision |
| At 5 docs | 0.2085 |
| At 10 docs | 0.1809 |
| At 15 docs | 0.1617 |
| At 20 docs | 0.1585 |
| At 30 docs | 0.1447 |
| At 100 docs | 0.1330 |
| At 200 docs | 0.1007 |
| At 500 docs | 0.0647 |
| At 1000 docs | 0.0408 |
| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets)) | |
| Exact | 0.1368 |



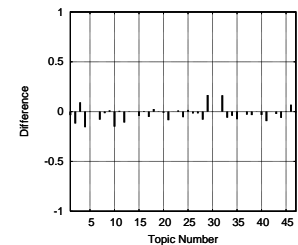
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

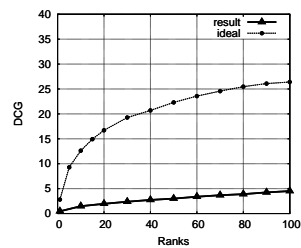


Recall-Precision Curve



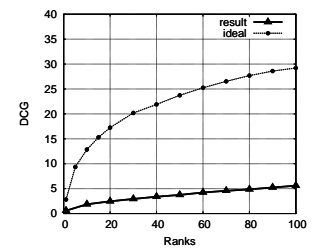
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

| Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$) | |
|---|--------|
| | DCG |
| At 1 doc | 0.4468 |
| At 10 docs | 1.4750 |
| At 20 docs | 1.9571 |
| At 30 docs | 2.3709 |
| At 40 docs | 2.7295 |
| At 50 docs | 2.9964 |
| At 60 docs | 3.3778 |
| At 70 docs | 3.6742 |
| At 80 docs | 3.8953 |
| At 90 docs | 4.2406 |
| At 100 docs | 4.5122 |
| At 200 docs | 5.8421 |
| At 500 docs | 7.7324 |
| At 1000 docs | 8.9811 |



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 | 0.5745 |
| At 10 docs | 1.8565 |
| At 20 docs | 2.4492 |
| At 30 docs | 2.9276 |
| At 40 docs | 3.3768 |
| At 50 docs | 3.7402 |
| At 60 docs | 4.2243 |
| At 70 docs | 4.5632 |
| At 80 docs | 4.8560 |
| At 90 docs | 5.2277 |
| At 100 docs | 5.5802 |
| At 200 docs | 7.2228 |
| At 500 docs | 9.6888 |
| At 1000 docs | 11.2223 |



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)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)

(2) Evaluation Result with Considering Links

| Summary Statistics | |
|---|-----------------|
| Run ID | K3100-08 |
| Subtask | I-A1 |
| Relevant Level | Level1 (H or A) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents&links |
| Number of Topics | 47 |
| Total number of documents over all topics | |
| Retrieved: | 46400 |
| Relevant: | 3558 |
| Rel-ret: | 1579 |

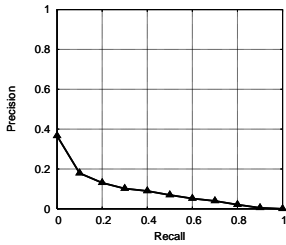
| Summary Statistics | |
|---|--------------------|
| Run ID | K3100-08 |
| Subtask | I-A1 |
| Relevant Level | Level2 (H, A or B) |
| Query Method | automatic |
| Topic Part | DISC only |
| Contents/Links Used | contents&links |
| Number of Topics | 47 |
| Total number of documents over all topics | |
| Retrieved: | 46400 |
| Relevant: | 4928 |
| Rel-ret: | 2313 |

| Recall Level Precision Averages | |
|---|-----------|
| Recall | Precision |
| 0.00 | 0.3660 |
| 0.10 | 0.1789 |
| 0.20 | 0.1306 |
| 0.30 | 0.1017 |
| 0.40 | 0.0897 |
| 0.50 | 0.0693 |
| 0.60 | 0.0518 |
| 0.70 | 0.0396 |
| 0.80 | 0.0210 |
| 0.90 | 0.0049 |
| 1.00 | 0.0001 |
| Average precision over all relevant documents | |
| non-interpolated | 0.0756 |

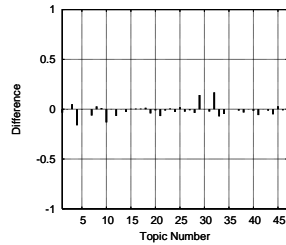
| Document Level Averages | |
|--|-----------|
| | Precision |
| At 5 docs | 0.1404 |
| At 10 docs | 0.1426 |
| At 15 docs | 0.1319 |
| At 20 docs | 0.1383 |
| At 30 docs | 0.1305 |
| At 100 docs | 0.1102 |
| At 200 docs | 0.0833 |
| At 500 docs | 0.0530 |
| At 1000 docs | 0.0336 |
| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets)) | |
| Exact | 0.1150 |

| Recall Level Precision Averages | |
|---|-----------|
| Recall | Precision |
| 0.00 | 0.4911 |
| 0.10 | 0.2218 |
| 0.20 | 0.1713 |
| 0.30 | 0.1445 |
| 0.40 | 0.1193 |
| 0.50 | 0.0895 |
| 0.60 | 0.0636 |
| 0.70 | 0.0475 |
| 0.80 | 0.0138 |
| 0.90 | 0.0059 |
| 1.00 | 0 |
| Average precision over all relevant documents | |
| non-interpolated | 0.0982 |

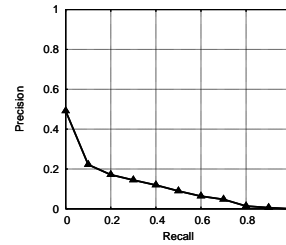
| Document Level Averages | |
|--|-----------|
| | Precision |
| At 5 docs | 0.2255 |
| At 10 docs | 0.2043 |
| At 15 docs | 0.1887 |
| At 20 docs | 0.1904 |
| At 30 docs | 0.1794 |
| At 100 docs | 0.1598 |
| At 200 docs | 0.1204 |
| At 500 docs | 0.0780 |
| At 1000 docs | 0.0492 |
| R-Precision (precision after R docs retrieved (where R is the number of relevant documnets)) | |
| Exact | 0.1513 |



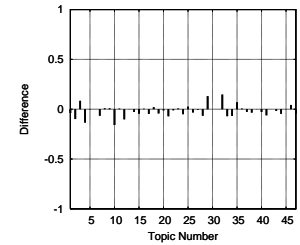
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

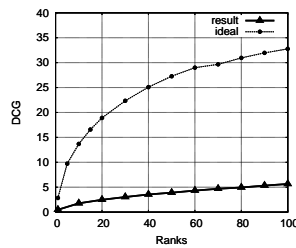


Recall-Precision Curve



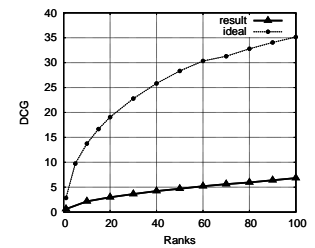
Difference from Median in Average Precision per Topic (over 10 'automatic' and 'DISC only' runs)*

| Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$) | |
|---|---------|
| | DCG |
| At 1 doc | 0.4681 |
| At 10 docs | 1.7639 |
| At 20 docs | 2.4716 |
| At 30 docs | 3.0242 |
| At 40 docs | 3.5365 |
| At 50 docs | 3.9036 |
| At 60 docs | 4.3144 |
| At 70 docs | 4.6848 |
| At 80 docs | 4.9367 |
| At 90 docs | 5.3216 |
| At 100 docs | 5.6447 |
| At 200 docs | 7.3048 |
| At 500 docs | 9.8326 |
| At 1000 docs | 11.3948 |



Discounted Cummulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

| Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$) | |
|---|---------|
| | DCG |
| At 1 doc | 0.6170 |
| At 10 docs | 2.1567 |
| At 20 docs | 2.9751 |
| At 30 docs | 3.6191 |
| At 40 docs | 4.2220 |
| At 50 docs | 4.6819 |
| At 60 docs | 5.1953 |
| At 70 docs | 5.6081 |
| At 80 docs | 5.9555 |
| At 90 docs | 6.3901 |
| At 100 docs | 6.8264 |
| At 200 docs | 8.8319 |
| At 500 docs | 11.9717 |
| At 1000 docs | 13.8577 |



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)
 Topic IDs: (8,10,11,12,13,14,15,16,17,18,19,20,22,23,24,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,46,47,48,49,52,53,56,57,58,59,60,61,62,63)