| Runld | TopicPart | QueryMethod | QueryUnit | QueryExpan | LinkInfo |
| :---: | :---: | :---: | :---: | :---: | :---: |
| K3100-ds-01 | DESC | automatic | word | no | link information only |
| K3100-ds-02 | DESC | automatic | word | no | link and contents information |
| K3100-ds-03 | DESC | automatic | word | no | link information only |
| K3100-ds-04 | DESC | automatic | word | no | link information only |
| K3100-tt-01 | TITLE | automatic | word | no | link information only |
| K3100-tt-02 | TITLE | automatic | word | no | link and contents information |
| K3100-tt-03 | TITLE | automatic | word | no | link information only |
| K3100-tt-04 | TITLE | automatic | word | no | link information only |
| oksat-bf01 | TITLE | interactive | character | synonym | no |
| r2d2-a1 | TITLE | automatic | word, phrase | no | no |
| r2d2-a2 | TITLE | automatic | word, phrase | no | no |
| TKB-01 | TITLE | automatic | word + bi-word | pseudo-rele. feedback | PageRank |
| TKB-02 | TITLE | automatic | word + bi-word | pseudo-rele. feedback | no |
| TKB-03 | TITLE | automatic | word + bi-word | no | PageRank |
| TKB-04 | TITLE | automatic | word + bi-word | no | no |
| W3SJP2003-001 | TITLE,DESC,BACK | interactive | word | manual | link and contents information |
| ORGREF-NMZ-AND* | TITLE | automatic | phrase | no | no |
| ORGREF-NMZ-OR* | TITLE | automatic | phrase | no | no |
| ORGREF-OT-D* | TITLE | automatic | phrase | no | no |
| ORGREF-OT-DT* | TITLE | automatic | phrase | no | no |
| ORGREF-ATO-P1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-ATO-P2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-P3* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-P4* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-P5* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-P6* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-S1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT0-S2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P3* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P4* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P5* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-P6* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-S1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT200-S2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P3* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P4* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P5* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-P6* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-S1* | TITLE | automatic | phrase | no | link information only |
| ORGREF-AT40-S2* | TITLE | automatic | phrase | no | link information only |
| ORGREF-NMZ-AND-LB1* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-AND-LB2* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-AND-LB3* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-AND-LB4* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-AND-LB5* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-AND-LF1* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-AND-LF2* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-AND-LF3* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-AND-LF4* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-AND-LF5* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-OR-LB1* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-OR-LB2* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-OR-LB3* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-OR-LB4* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-OR-LB5* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-NMZ-OR-LF1* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-OR-LF2* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-OR-LF3* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-OR-LF4* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-NMZ-OR-LF5* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-D-LB1* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-D-LB2* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-D-LB3* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-D-LB4* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-D-LB5* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-D-LF1* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-D-LF2* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-D-LF3* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-D-LF4* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-D-LF5* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-DT-LB1* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-DT-LB2* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-DT-LB3* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-DT-LB4* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-DT-LB5* | TITLE | automatic | phrase | no | in-link information only |
| ORGREF-OT-DT-LF1* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-DT-LF2* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-DT-LF3* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-DT-LF4* | TITLE | automatic | phrase | no | out-link information only |
| ORGREF-OT-DT-LF5* | TITLE | automatic | phrase | no | out-link information only |

* Runs with prefix "ORGREF" are

| Runld | Anchor |
| :---: | :---: |
| K3100-ds-01 | used for indexing the document that includes the anchor text |
| K3100-ds-02 | used for indexing the document that includes the anchor text |
| K3100-ds-03 | used for indexing the document that includes the anchor text |
| K3100-ds-04 | used for indexing the document that includes the anchor text |
| K3100-tt-01 | used for indexing the document that includes the anchor text |
| K3100-tt-02 | used for indexing the document that includes the anchor text |
| K3100-tt-03 | used for indexing the document that includes the anchor text |
| K3100-tt-04 | used for indexing the document that includes the anchor text |
| oksat-bf01 | no |
| r2d2-a1 | eliminate the anchor text |
| r2d2-a2 | eliminate the anchor text |
| TKB-01 | no |
| TKB-02 | no |
| TKB-03 | no |
| TKB-04 | no |
| W3SJP2003-001 | (N/A) |
| ORGREF-NMZ-AND* | no |
| ORGREF-NMZ-OR* | no |
| ORGREF-OT-D* | no |
| ORGREF-OT-DT* | no |
| ORGREF-ATO-P1* | used for indexing the out-linked document |
| ORGREF-AT0-P2* | used for indexing the out-linked document |
| ORGREF-ATO-P3* | used for indexing the out-linked document |
| ORGREF-AT0-P4* | used for indexing the out-linked document |
| ORGREF-AT0-P5* | used for indexing the out-linked document |
| ORGREF-AT0-P6* | used for indexing the out-linked document |
| ORGREF-AT0-S1* | used for indexing the out-linked document |
| ORGREF-AT0-S2* | used for indexing the out-linked document |
| ORGREF-AT200-P1* | anchor text and its preceding and following 200 characters each used for indexing the out-linked document |
| ORGREF-AT200-P2* | anchor text and its preceding and following 201 characters each used for indexing the out-linked document |
| ORGREF-AT200-P3* | anchor text and its preceding and following 202 characters each used for indexing the out-linked document |
| ORGREF-AT200-P4* | anchor text and its preceding and following 203 characters each used for indexing the out-linked document |
| ORGREF-AT200-P5* | anchor text and its preceding and following 204 characters each used for indexing the out-linked document |
| ORGREF-AT200-P6* | anchor text and its preceding and following 205 characters each used for indexing the out-linked document |
| ORGREF-AT200-S1* | anchor text and its preceding and following 206 characters each used for indexing the out-linked document |
| ORGREF-AT200-S2* | anchor text and its preceding and following 207 characters each used for indexing the out-linked document |
| ORGREF-AT40-P1* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-P2* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-P3* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-P4* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-P5* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-P6* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-S1* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-AT40-S2* | anchor text and its preceding and following 40 characters each used for indexing the out-linked document |
| ORGREF-NMZ-AND-LB1* | no |
| ORGREF-NMZ-AND-LB2* | no |
| ORGREF-NMZ-AND-LB3* | no |
| ORGREF-NMZ-AND-LB4* | no |
| ORGREF-NMZ-AND-LB5* | no |
| ORGREF-NMZ-AND-LF1* | no |
| ORGREF-NMZ-AND-LF2* | no |
| ORGREF-NMZ-AND-LF3* | no |
| ORGREF-NMZ-AND-LF4* | no |
| ORGREF-NMZ-AND-LF5* | no |
| ORGREF-NMZ-OR-LB1* | no |
| ORGREF-NMZ-OR-LB2* | no |
| ORGREF-NMZ-OR-LB3* | no |
| ORGREF-NMZ-OR-LB4* | no |
| ORGREF-NMZ-OR-LB5* | no |
| ORGREF-NMZ-OR-LF1* | no |
| ORGREF-NMZ-OR-LF2* | no |
| ORGREF-NMZ-OR-LF3* | no |
| ORGREF-NMZ-OR-LF4* | no |
| ORGREF-NMZ-OR-LF5* | no |
| ORGREF-OT-D-LB1* | no |
| ORGREF-OT-D-LB2* | no |
| ORGREF-OT-D-LB3* | no |
| ORGREF-OT-D-LB4* | no |
| ORGREF-OT-D-LB5* | no |
| ORGREF-OT-D-LF1* | no |
| ORGREF-OT-D-LF2* | no |
| ORGREF-OT-D-LF3* | no |
| ORGREF-OT-D-LF4* | no |
| ORGREF-OT-D-LF5* | no |
| ORGREF-OT-DT-LB1* | no |
| ORGREF-OT-DT-LB2* | no |
| ORGREF-OT-DT-LB3* | no |
| ORGREF-OT-DT-LB4* | no |
| ORGREF-OT-DT-LB5* | no |
| ORGREF-OT-DT-LF1* | no |
| ORGREF-OT-DT-LF2* | no |
| ORGREF-OT-DT-LF3* | no |
| ORGREF-OT-DT-LF4* | no |
| ORGREF-OT-DT-LF5* | no |

* Runs with prefix "ORGREF" are

| RunlD | IRModel |
| :---: | :---: |
| K3100-ds-01 | Original(Large weights to the first word of query) |
| K3100-ds-02 | Original(Our method gives large weights to the terms in anchor text) |
| K3100-ds-03 | Original(Large weights to the combination of words which returns fewer results) |
| K3100-ds-04 | Original(Large weights to the combination of words which returns fewer results) |
| K3100-tt-01 | Original(Large weights to the first word of query) |
| K3100-tt-02 | Original(Our method gives large weights to the terms in anchor text) |
| K3100-tt-03 | Original(Large weights to the combination of words which returns fewer results) |
| K3100-tt-04 | Original(Large weights to the combination of words which returns fewer results) |
| oksat-bf01 | probabilistic model |
| r2d2-a1 | vector space model |
| r2d2-a2 | vector space model |
| TKB-01 | Okapi |
| TKB-02 | Okapi |
| TKB-03 | Okapi |
| TKB-04 | Okapi |
| W3SJP2003-001 | (N/A) |
| ORGREF-NMZ-AND* | Boolean, AND only |
| ORGREF-NMZ-OR* | Boolean, OR only |
| ORGREF-OT-D* | Boolean + proximity |
| ORGREF-OT-DT* | Boolean + proximity + region algebra |
| ORGREF-AT0-P1* | Boolean |
| ORGREF-AT0-P2* | Boolean |
| ORGREF-AT0-P3* | Boolean |
| ORGREF-AT0-P4* | Boolean |
| ORGREF-AT0-P5* | Boolean |
| ORGREF-AT0-P6* | Boolean |
| ORGREF-AT0-S1* | Boolean |
| ORGREF-AT0-S2* | Boolean |
| ORGREF-AT200-P1* | Boolean |
| ORGREF-AT200-P2* | Boolean |
| ORGREF-AT200-P3* | Boolean |
| ORGREF-AT200-P4* | Boolean |
| ORGREF-AT200-P5* | Boolean |
| ORGREF-AT200-P6* | Boolean |
| ORGREF-AT200-S1* | Boolean |
| ORGREF-AT200-S2* | Boolean |
| ORGREF-AT40-P1* | Boolean |
| ORGREF-AT40-P2* | Boolean |
| ORGREF-AT40-P3* | Boolean |
| ORGREF-AT40-P4* | Boolean |
| ORGREF-AT40-P5* | Boolean |
| ORGREF-AT40-P6* | Boolean |
| ORGREF-AT40-S1* | Boolean |
| ORGREF-AT40-S2* | Boolean |
| ORGREF-NMZ-AND-LB1* | Boolean, AND only |
| ORGREF-NMZ-AND-LB2* | Boolean, AND only |
| ORGREF-NMZ-AND-LB3* | Boolean, AND only |
| ORGREF-NMZ-AND-LB4* | Boolean, AND only |
| ORGREF-NMZ-AND-LB5* | Boolean, AND only |
| ORGREF-NMZ-AND-LF1* | Boolean, AND only |
| ORGREF-NMZ-AND-LF2* | Boolean, AND only |
| ORGREF-NMZ-AND-LF3* | Boolean, AND only |
| ORGREF-NMZ-AND-LF4* | Boolean, AND only |
| ORGREF-NMZ-AND-LF5* | Boolean, AND only |
| ORGREF-NMZ-OR-LB1* | Boolean, OR only |
| ORGREF-NMZ-OR-LB2* | Boolean, OR only |
| ORGREF-NMZ-OR-LB3* | Boolean, OR only |
| ORGREF-NMZ-OR-LB4* | Boolean, OR only |
| ORGREF-NMZ-OR-LB5* | Boolean, OR only |
| ORGREF-NMZ-OR-LF1* | Boolean, OR only |
| ORGREF-NMZ-OR-LF2* | Boolean, OR only |
| ORGREF-NMZ-OR-LF3* | Boolean, OR only |
| ORGREF-NMZ-OR-LF4* | Boolean, OR only |
| ORGREF-NMZ-OR-LF5* | Boolean, OR only |
| ORGREF-OT-D-LB1* | Boolean + proximity |
| ORGREF-OT-D-LB2* | Boolean + proximity |
| ORGREF-OT-D-LB3* | Boolean + proximity |
| ORGREF-OT-D-LB4* | Boolean + proximity |
| ORGREF-OT-D-LB5* | Boolean + proximity |
| ORGREF-OT-D-LF1* | Boolean + proximity |
| ORGREF-OT-D-LF2* | Boolean + proximity |
| ORGREF-OT-D-LF3* | Boolean + proximity |
| ORGREF-OT-D-LF4* | Boolean + proximity |
| ORGREF-OT-D-LF5* | Boolean + proximity |
| ORGREF-OT-DT-LB1* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LB2* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LB3* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LB4* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LB5* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LF1* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LF2* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LF3* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LF4* | Boolean + proximity + region algebra |
| ORGREF-OT-DT-LF5* | Boolean + proximity + region algebra |


| RunlD | Ranking |
| :---: | :---: |
| K3100-ds-01 | tf-idf |
| K3100-ds-02 | tf-idf |
| K3100-ds-03 | tf-idf |
| K3100-ds-04 | tf-idf |
| K3100-tt-01 | tf-idf |
| K3100-tt-02 | tf-idf |
| K3100-tt-03 | tf-idf |
| K3100-tt-04 | tf-idf |
| oksat-bf01 | tf-idf |
| r2d2-a1 | tf-idf, RS model, depth of URL hierarchy |
| r2d2-a2 | tf-idf, RS model, depth of URL hierarchy |
| TKB-01 | BM25-> PRF -> PagaRank |
| TKB-02 | BM25-> PRF |
| TKB-03 | BM25-> PagaRank |
| TKB-04 | BM25 |
| W3SJP2003-001 | (N/A) |
| ORGREF-NMZ-AND* | tf-idf, weighting by html structure |
| ORGREF-NMZ-OR* | tf-idf, weighting by html structure |
| ORGREF-OT-D* | tf-idf, weighting by search term order |
| ORGREF-OT-DT* | tf-idf, weighting on HTML title and heading elements, weighting by search term order |
| ORGREF-AT0-P1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-P2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-P3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-P4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-P5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-P6* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-S1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT0-S2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-P6* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-S1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT200-S2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-P6* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-S1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-AT40-S2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-AND-LB1* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-AND-LB2* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-AND-LB3* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-AND-LB4* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-AND-LB5* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-AND-LF1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-AND-LF2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-AND-LF3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-AND-LF4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-AND-LF5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-OR-LB1* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-OR-LB2* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-OR-LB3* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-OR-LB4* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-OR-LB5* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-NMZ-OR-LF1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-OR-LF2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-OR-LF3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-OR-LF4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-NMZ-OR-LF5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-D-LB1* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-D-LB2* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-D-LB3* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-D-LB4* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-D-LB5* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-D-LF1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-D-LF2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-D-LF3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-D-LF4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-D-LF5* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-DT-LB1* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-DT-LB2* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-DT-LB3* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-DT-LB4* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-DT-LB5* | score of in-linked document is calculated by out-link statistics and document frequency |
| ORGREF-OT-DT-LF1* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-DT-LF2* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-DT-LF3* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-DT-LF4* | score of out-linked document is calculated by in-link statistics and document frequency |
| ORGREF-OT-DT-LF5* | score of out-linked document is calculated by in-link statistics and document frequency |

*Runs with prefix "ORGREF" are

| Runld | IndexUnit | IndexTech |
| :---: | :---: | :---: |
| K3100-ds-01 | character | character |
| K3100-ds-02 | n-gram | n-gram |
| K3100-ds-03 | character | character |
| K3100-ds-04 | character | character |
| K3100-tt-01 | character | character |
| K3100-tt-02 | n-gram | n-gram |
| K3100-tt-03 | character | character |
| K3100-tt-04 | character | character |
| oksat-bf01 | gram | none |
| r2d2-a1 | word, phrase | morphology, POS |
| r2d2-a2 | word, phrase | morphology, POS |
| TKB-01 | word + bi-word | morphological analysis (ChaSen 2.2.1 + IPAdic 2.4.4) |
| TKB-02 | word + bi-word | morphological analysis (ChaSen 2.2.1 + IPAdic 2.4.4) |
| TKB-03 | word + bi-word | morphological analysis (ChaSen 2.2.1 + IPAdic 2.4.4) |
| TKB-04 | word + bi-word | morphological analysis (ChaSen 2.2.1 + IPAdic 2.4.4) |
| W3SJP2003-001 | word, the name of HTML tags used, etc | (N/A) |
| ORGREF-NMZ-AND* | word | morphology |
| ORGREF-NMZ-OR* | word | morphology |
| ORGREF-OT-D* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-P1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-ATO-P2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-P3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-P4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-P5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-P6* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-S1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT0-S2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-P6* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-S1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT200-S2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-P6* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-S1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-AT40-S2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-NMZ-AND-LB1* | word | morphology |
| ORGREF-NMZ-AND-LB2* | word | morphology |
| ORGREF-NMZ-AND-LB3* | word | morphology |
| ORGREF-NMZ-AND-LB4* | word | morphology |
| ORGREF-NMZ-AND-LB5* | word | morphology |
| ORGREF-NMZ-AND-LF1* | word | morphology |
| ORGREF-NMZ-AND-LF2* | word | morphology |
| ORGREF-NMZ-AND-LF3* | word | morphology |
| ORGREF-NMZ-AND-LF4* | word | morphology |
| ORGREF-NMZ-AND-LF5* | word | morphology |
| ORGREF-NMZ-OR-LB1* | word | morphology |
| ORGREF-NMZ-OR-LB2* | word | morphology |
| ORGREF-NMZ-OR-LB3* | word | morphology |
| ORGREF-NMZ-OR-LB4* | word | morphology |
| ORGREF-NMZ-OR-LB5* | word | morphology |
| ORGREF-NMZ-OR-LF1* | word | morphology |
| ORGREF-NMZ-OR-LF2* | word | morphology |
| ORGREF-NMZ-OR-LF3* | word | morphology |
| ORGREF-NMZ-OR-LF4* | word | morphology |
| ORGREF-NMZ-OR-LF5* | word | morphology |
| ORGREF-OT-D-LB1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LB2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LB3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LB4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LB5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LF1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LF2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LF3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LF4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-D-LF5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LB1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LB2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LB3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LB4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LB5* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LF1* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LF2* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LF3* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LF4* | character for double byte characters, word for single byte characters | character normalization |
| ORGREF-OT-DT-LF5* | character for double byte characters, word for single byte characters | character normalization |

[^0]Overview of System Descriptions of NTCIR-4 WEB Subask B

| RunlD | IndexStruc | Filtering | Resource |
| :---: | :---: | :---: | :---: |
| K3100-ds-01 | inverted file | no | no |
| K3100-ds-02 | inverted file | no | no |
| K3100-ds-03 | inverted file | no | no |
| K3100-ds-04 | inverted file | no | no |
| K3100-tt-01 | inverted file | no | no |
| K3100-tt-02 | inverted file | no | no |
| K3100-tt-03 | inverted file | no | no |
| K3100-tt-04 | inverted file | no | no |
| oksat-bf01 | gram based inverted file | no | no |
| r2d2-a1 | inverted file | no | IPADIC (dictionary for morphological analysis) |
| r2d2-a2 | inverted file | no | IPADIC (dictionary for morphological analysis) |
| TKB-01 | inverted file | no | no |
| TKB-02 | inverted file | no | no |
| TKB-03 | inverted file | no | no |
| TKB-04 | inverted file | no | no |
| W3SJP2003-001 | (N/A) | (N/A) | (N/A) |
| ORGREF-NMZ-AND* | inverted file | no | no |
| ORGREF-NMZ-OR* | inverted file | no | no |
| ORGREF-OT-D* | inverted file | no | no |
| ORGREF-OT-DT* | inverted file | no | no |
| ORGREF-AT0-P1* | inverted file | no | no |
| ORGREF-ATO-P2* | inverted file | no | no |
| ORGREF-AT0-P3* | inverted file | no | no |
| ORGREF-AT0-P4* | inverted file | no | no |
| ORGREF-AT0-P5* | inverted file | no | no |
| ORGREF-AT0-P6* | inverted file | no | no |
| ORGREF-AT0-S1* | inverted file | no | no |
| ORGREF-AT0-S2* | inverted file | no | no |
| ORGREF-AT200-P1* | inverted file | no | no |
| ORGREF-AT200-P2* | inverted file | no | no |
| ORGREF-AT200-P3* | inverted file | no | no |
| ORGREF-AT200-P4* | inverted file | no | no |
| ORGREF-AT200-P5* | inverted file | no | no |
| ORGREF-AT200-P6* | inverted file | no | no |
| ORGREF-AT200-S1* | inverted file | no | no |
| ORGREF-AT200-S2* | inverted file | no | no |
| ORGREF-AT40-P1* | inverted file | no | no |
| ORGREF-AT40-P2* | inverted file | no | no |
| ORGREF-AT40-P3* | inverted file | no | no |
| ORGREF-AT40-P4* | inverted file | no | no |
| ORGREF-AT40-P5* | inverted file | no | no |
| ORGREF-AT40-P6* | inverted file | no | no |
| ORGREF-AT40-S1* | inverted file | no | no |
| ORGREF-AT40-S2* | inverted file | no | no |
| ORGREF-NMZ-AND-LB1* | inverted file | no | no |
| ORGREF-NMZ-AND-LB2* | inverted file | no | no |
| ORGREF-NMZ-AND-LB3* | inverted file | no | no |
| ORGREF-NMZ-AND-LB4* | inverted file | no | no |
| ORGREF-NMZ-AND-LB5* | inverted file | no | no |
| ORGREF-NMZ-AND-LF1* | inverted file | no | no |
| ORGREF-NMZ-AND-LF2* | inverted file | no | no |
| ORGREF-NMZ-AND-LF3* | inverted file | no | no |
| ORGREF-NMZ-AND-LF4* | inverted file | no | no |
| ORGREF-NMZ-AND-LF5* | inverted file | no | no |
| ORGREF-NMZ-OR-LB1* | inverted file | no | no |
| ORGREF-NMZ-OR-LB2* | inverted file | no | no |
| ORGREF-NMZ-OR-LB3* | inverted file | no | no |
| ORGREF-NMZ-OR-LB4* | inverted file | no | no |
| ORGREF-NMZ-OR-LB5* | inverted file | no | no |
| ORGREF-NMZ-OR-LF1* | inverted file | no | no |
| ORGREF-NMZ-OR-LF2* | inverted file | no | no |
| ORGREF-NMZ-OR-LF3* | inverted file | no | no |
| ORGREF-NMZ-OR-LF4* | inverted file | no | no |
| ORGREF-NMZ-OR-LF5* | inverted file | no | no |
| ORGREF-OT-D-LB1* | inverted file | no | no |
| ORGREF-OT-D-LB2* | inverted file | no | no |
| ORGREF-OT-D-LB3* | inverted file | no | no |
| ORGREF-OT-D-LB4* | inverted file | no | no |
| ORGREF-OT-D-LB5* | inverted file | no | no |
| ORGREF-OT-D-LF1* | inverted file | no | no |
| ORGREF-OT-D-LF2* | inverted file | no | no |
| ORGREF-OT-D-LF3* | inverted file | no | no |
| ORGREF-OT-D-LF4* | inverted file | no | no |
| ORGREF-OT-D-LF5* | inverted file | no | no |
| ORGREF-OT-DT-LB1* | inverted file | no | no |
| ORGREF-OT-DT-LB2* | inverted file | no | no |
| ORGREF-OT-DT-LB3* | inverted file | no | no |
| ORGREF-OT-DT-LB4* | inverted file | no | no |
| ORGREF-OT-DT-LB5* | inverted file | no | no |
| ORGREF-OT-DT-LF1* | inverted file | no | no |
| ORGREF-OT-DT-LF2* | inverted file | no | no |
| ORGREF-OT-DT-LF3* | inverted file | no | no |
| ORGREF-OT-DT-LF4* | inverted file | no | no |
| ORGREF-OT-DT-LF5* | inverted file | no | no |

* Runs with prefix "ORGREF" are

| RunlD | Note |
| :---: | :---: |
| K3100-ds-01 |  |
| K3100-ds-02 |  |
| K3100-ds-03 |  |
| K3100-ds-04 |  |
| K3100-tt-01 |  |
| K3100-tt-02 |  |
| K3100-tt-03 |  |
| K3100-tt-04 |  |
| oksat-bf01 |  |
| r2d2-a1 |  |
| r2d2-a2 |  |
| TKB-01 |  |
| TKB-02 |  |
| TKB-03 |  |
| TKB-04 |  |
| W3SJP2003-001 |  |
| ORGREF-NMZ-AND* | organizers' baseline by Namazu with standard configuration |
| ORGREF-NMZ-OR* | organizers' baseline by Namazu with standard configuration |
| ORGREF-OT-D* | organizers' baseline |
| ORGREF-OT-DT* | organizers' baseline |
| ORGREF-AT0-P1* | organizers' run for improving recall |
| ORGREF-ATO-P2* | organizers' run for improving recall |
| ORGREF-AT0-P3* | organizers' run for improving recall |
| ORGREF-AT0-P4* | organizers' run for improving recall |
| ORGREF-ATO-P5* | organizers' run for improving recall |
| ORGREF-AT0-P6* | organizers' run for improving recall |
| ORGREF-AT0-S1* | organizers' run for improving recall |
| ORGREF-AT0-S2* | organizers' run for improving recall |
| ORGREF-AT200-P1* | organizers' run for improving recall |
| ORGREF-AT200-P2* | organizers' run for improving recall |
| ORGREF-AT200-P3* | organizers' run for improving recall |
| ORGREF-AT200-P4* | organizers' run for improving recall |
| ORGREF-AT200-P5* | organizers' run for improving recall |
| ORGREF-AT200-P6* | organizers' run for improving recall |
| ORGREF-AT200-S1* | organizers' run for improving recall |
| ORGREF-AT200-S2* | organizers' run for improving recall |
| ORGREF-AT40-P1* | organizers' run for improving recall |
| ORGREF-AT40-P2* | organizers' run for improving recall |
| ORGREF-AT40-P3* | organizers' run for improving recall |
| ORGREF-AT40-P4* | organizers' run for improving recall |
| ORGREF-AT40-P5* | organizers' run for improving recall |
| ORGREF-AT40-P6* | organizers' run for improving recall |
| ORGREF-AT40-S1* | organizers' run for improving recall |
| ORGREF-AT40-S2* | organizers' run for improving recall |
| ORGREF-NMZ-AND-LB1* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LB2* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LB3* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LB4* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LB5* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LF1* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LF2* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LF3* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LF4* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-AND-LF5* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LB1* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LB2* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LB3* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LB4* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LB5* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LF1* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LF2* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LF3* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LF4* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-NMZ-OR-LF5* | organizers' for improving recall by Namazu with standard configuration |
| ORGREF-OT-D-LB1* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LB2* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LB3* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LB4* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LB5* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LF1* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LF2* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LF3* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LF4* | organizers' for improving recall based on FR65 |
| ORGREF-OT-D-LF5* | organizers' for improving recall based on FR65 |
| ORGREF-OT-DT-LB1* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LB2* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LB3* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LB4* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LB5* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LF1* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LF2* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LF3* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LF4* | organizers' for improving recall based on FR76 |
| ORGREF-OT-DT-LF5* | organizers' for improving recall based on FR76 |

* Runs with prefix "ORGREF" are


[^0]:    Runs with prefix "ORGREF" ar

