<table>
<thead>
<tr>
<th>Recall Level Averages</th>
<th>Document Level Averages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recall</td>
<td>Precision</td>
</tr>
<tr>
<td>0.00</td>
<td>0.4457</td>
</tr>
<tr>
<td>0.10</td>
<td>0.2167</td>
</tr>
<tr>
<td>0.20</td>
<td>0.1497</td>
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<tr>
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<td>0.1108</td>
</tr>
<tr>
<td>0.40</td>
<td>0.0802</td>
</tr>
<tr>
<td>0.50</td>
<td>0.0407</td>
</tr>
<tr>
<td>0.60</td>
<td>0.0275</td>
</tr>
<tr>
<td>0.70</td>
<td>0.0129</td>
</tr>
<tr>
<td>0.80</td>
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<tr>
<td>0.90</td>
<td>0.0000</td>
</tr>
<tr>
<td>1.00</td>
<td>0.0000</td>
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</tbody>
</table>

Mean average precision
non-interpolated 0.0762

Exact 0.1306
Terabyte Track results — Dublin City University

<table>
<thead>
<tr>
<th>Summary Statistics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run ID</td>
</tr>
<tr>
<td>Run Type</td>
</tr>
<tr>
<td>Fields Used</td>
</tr>
<tr>
<td>Run Description</td>
</tr>
<tr>
<td>Time to index</td>
</tr>
<tr>
<td>Time to retrieve top 20 per query</td>
</tr>
<tr>
<td>System RAM</td>
</tr>
<tr>
<td>Size of on-disk structures</td>
</tr>
<tr>
<td>Approx system cost</td>
</tr>
<tr>
<td>Number of Topics:</td>
</tr>
<tr>
<td>Total number of documents</td>
</tr>
<tr>
<td>over all topics</td>
</tr>
<tr>
<td>Retrieved:</td>
</tr>
<tr>
<td>Relevant:</td>
</tr>
<tr>
<td>Rel-ret:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Recall Level Averages</th>
<th>Document Level Averages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recall</td>
<td>Precision</td>
</tr>
<tr>
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<td>0.5872</td>
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<td>0.3246</td>
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<td>0.1856</td>
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<td>0.0092</td>
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<td>0.90</td>
<td>0.0025</td>
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<td>1.00</td>
<td>0.0000</td>
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<tr>
<td>Mean average precision non-interpolated</td>
<td>0.1183</td>
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</table>

Recall-Precision Curve

Difference from Median Average Precision per Topic
Terabyte Track results — Dublin City University

### Summary Statistics

- **Run ID**: DcuTB04Ucd2
- **Run Type**: automatic
- **Fields Used**: title, description, narrative
- **Run Description**: NoLinksUsed-AnchorTextUsed-NoDocStructUsed

- **Time to index**: 27451 min.
- **Time to retrieve top 20 per query**: 15 sec.
- **System RAM**: 9 GB
- **Size of on-disk structures**: 65 GB
- **Approx system cost**: $18250

### Number of Topics:

- **Number of Topics**: 49
- **Total number of documents over all topics retrieved**: 49000
- **Relevant**: 10617
- **Rel-ret**: 3040

### Recall Level Averages

<table>
<thead>
<tr>
<th>Recall</th>
<th>Precision</th>
</tr>
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<tbody>
<tr>
<td>0.00</td>
<td>0.4259</td>
</tr>
<tr>
<td>0.05</td>
<td>0.4168</td>
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<tr>
<td>0.10</td>
<td>0.3515</td>
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<td>0.20</td>
<td>0.2856</td>
</tr>
<tr>
<td>0.30</td>
<td>0.2192</td>
</tr>
<tr>
<td>0.40</td>
<td>0.1828</td>
</tr>
<tr>
<td>0.50</td>
<td>0.1512</td>
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<tr>
<td>0.60</td>
<td>0.1180</td>
</tr>
<tr>
<td>0.70</td>
<td>0.0964</td>
</tr>
<tr>
<td>0.80</td>
<td>0.0755</td>
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<tr>
<td>0.90</td>
<td>0.0558</td>
</tr>
<tr>
<td>1.00</td>
<td>0.0361</td>
</tr>
</tbody>
</table>

### Document Level Averages

<table>
<thead>
<tr>
<th>Precision</th>
<th>At 5 docs</th>
<th>At 10 docs</th>
<th>At 15 docs</th>
<th>At 20 docs</th>
<th>At 30 docs</th>
<th>At 50 docs</th>
<th>At 100 docs</th>
<th>At 200 docs</th>
<th>At 500 docs</th>
<th>At 1000 docs</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1633</td>
<td>0.1959</td>
<td>0.2177</td>
<td>0.2276</td>
<td>0.2422</td>
<td>0.1786</td>
<td>0.1301</td>
<td>0.0873</td>
<td>0.0620</td>
<td>0.0620</td>
<td>0.0620</td>
</tr>
</tbody>
</table>

### Recall-Precision Curve

![Recall-Precision Curve](chart.png)

- **R-Precision**: precision after R (number relevant) documents retrieved

### Difference from Median Average Precision per Topic

![Difference from Median Average Precision per Topic](chart.png)
## Summary Statistics

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<thead>
<tr>
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<tr>
<td>Fields Used</td>
<td>title</td>
</tr>
<tr>
<td>Run Description</td>
<td>NoLinksUsed-NoAnchorTextUsed-DocStructUsed</td>
</tr>
<tr>
<td>Time to index</td>
<td>45,648 min.</td>
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<tr>
<td>Time to retrieve top 20 per query</td>
<td>2 sec.</td>
</tr>
<tr>
<td>System RAM</td>
<td>4 GB</td>
</tr>
<tr>
<td>Size of on-disk structures</td>
<td>64 GB</td>
</tr>
<tr>
<td>Approx system cost</td>
<td>$10,500</td>
</tr>
<tr>
<td>Number of Topics:</td>
<td>49</td>
</tr>
<tr>
<td>Total number of documents over all topics</td>
<td>49,000</td>
</tr>
<tr>
<td>Relevant:</td>
<td>10,617</td>
</tr>
<tr>
<td>Rel-ret:</td>
<td>3,077</td>
</tr>
</tbody>
</table>

### Recall Level Averages

<table>
<thead>
<tr>
<th>Recall</th>
<th>Precision</th>
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</thead>
<tbody>
<tr>
<td>0.00</td>
<td>0.4744</td>
</tr>
<tr>
<td>0.10</td>
<td>0.2335</td>
</tr>
<tr>
<td>0.20</td>
<td>0.1692</td>
</tr>
<tr>
<td>0.30</td>
<td>0.1154</td>
</tr>
<tr>
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<td>0.0689</td>
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<td>0.0388</td>
</tr>
<tr>
<td>0.60</td>
<td>0.0311</td>
</tr>
<tr>
<td>0.70</td>
<td>0.0149</td>
</tr>
<tr>
<td>0.80</td>
<td>0.0095</td>
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<tr>
<td>0.90</td>
<td>0.0031</td>
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<tr>
<td>1.00</td>
<td>0.0000</td>
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### Document Level Averages

<table>
<thead>
<tr>
<th>Precision</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 5 docs</td>
</tr>
<tr>
<td>At 10 docs</td>
</tr>
<tr>
<td>At 15 docs</td>
</tr>
<tr>
<td>At 20 docs</td>
</tr>
<tr>
<td>At 30 docs</td>
</tr>
<tr>
<td>At 100 docs</td>
</tr>
<tr>
<td>At 200 docs</td>
</tr>
<tr>
<td>At 500 docs</td>
</tr>
<tr>
<td>At 1000 docs</td>
</tr>
</tbody>
</table>

R-Precision: precision after R (number relevant) documents retrieved

### Recall-Precision Curve

- Recall: 0.0 to 1.0
- Precision: 0.0 to 1.0

### Difference from Median Average Precision per Topic

- Topic range: 500 to 750
- Difference range: -1.0 to 1.0
### Summary Statistics

<table>
<thead>
<tr>
<th>Run ID</th>
<th>DcuTB04Combo</th>
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</thead>
<tbody>
<tr>
<td>Run Type</td>
<td>automatic</td>
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<tr>
<td>Fields Used</td>
<td>title</td>
</tr>
<tr>
<td>Run Description</td>
<td>NoLinksUsed-AnchorTextUsed-DocStructUsed</td>
</tr>
</tbody>
</table>

- **Time to index:** 54360 min.
- **Time to retrieve top 20 per query:** 2 sec.

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>Size of on-disk structures</td>
<td>69 GB</td>
</tr>
<tr>
<td>Approx system cost</td>
<td>$16250</td>
</tr>
</tbody>
</table>

| Number of Topics: | 49 |

| Retrieved: | 49000 |
| Relevant: | 10617 |
| Rel-ret: | 2521 |

<table>
<thead>
<tr>
<th>Recall Level Averages</th>
<th>Document Level Averages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recall</strong></td>
<td><strong>Precision</strong></td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>0.00</td>
<td>0.3359</td>
</tr>
<tr>
<td>0.10</td>
<td>0.0963</td>
</tr>
<tr>
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<td>0.0733</td>
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<td>0.0504</td>
</tr>
<tr>
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<td>0.0319</td>
</tr>
<tr>
<td>0.50</td>
<td>0.0145</td>
</tr>
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<td>0.0080</td>
</tr>
<tr>
<td>0.70</td>
<td>0.0059</td>
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<tr>
<td>0.80</td>
<td>0.0024</td>
</tr>
<tr>
<td>0.90</td>
<td>0.0000</td>
</tr>
<tr>
<td>1.00</td>
<td>0.0000</td>
</tr>
</tbody>
</table>

| Mean average precision | 0.1224 |
| non-interpolated | 0.0328 |
| Exact | 0.0731 |