### Summary Statistics

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run Number</td>
<td>CL99SDopt1</td>
</tr>
<tr>
<td>Run Description</td>
<td>Manual</td>
</tr>
<tr>
<td>Number of Topics</td>
<td>50</td>
</tr>
<tr>
<td>Total number of documents over all topics</td>
<td></td>
</tr>
<tr>
<td>Retrieved</td>
<td>50000</td>
</tr>
<tr>
<td>Relevant</td>
<td>4728</td>
</tr>
<tr>
<td>Rel-ret</td>
<td>3375</td>
</tr>
</tbody>
</table>

#### Recall Level Precision Averages

<table>
<thead>
<tr>
<th>Recall</th>
<th>Precision</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>0.9163</td>
</tr>
<tr>
<td>0.10</td>
<td>0.7509</td>
</tr>
<tr>
<td>0.20</td>
<td>0.6030</td>
</tr>
<tr>
<td>0.30</td>
<td>0.4704</td>
</tr>
<tr>
<td>0.40</td>
<td>0.3927</td>
</tr>
<tr>
<td>0.50</td>
<td>0.3320</td>
</tr>
<tr>
<td>0.60</td>
<td>0.2665</td>
</tr>
<tr>
<td>0.70</td>
<td>0.2165</td>
</tr>
<tr>
<td>0.80</td>
<td>0.1699</td>
</tr>
<tr>
<td>0.90</td>
<td>0.0924</td>
</tr>
<tr>
<td>1.00</td>
<td>0.0439</td>
</tr>
</tbody>
</table>

- **Average precision over all relevant docs (non-interpolated):** 0.3682
- **R-Precision (precision after R docs retrieved):**
  - Exact: 0.3837
  - where R is the number of relevant documents.

#### Document Level Averages

<table>
<thead>
<tr>
<th>Documents</th>
<th>Precision</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 5 docs</td>
<td>0.8000</td>
</tr>
<tr>
<td>At 10 docs</td>
<td>0.7080</td>
</tr>
<tr>
<td>At 15 docs</td>
<td>0.6440</td>
</tr>
<tr>
<td>At 20 docs</td>
<td>0.5870</td>
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<tr>
<td>At 30 docs</td>
<td>0.4887</td>
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<td>At 100 docs</td>
<td>0.2862</td>
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<tr>
<td>At 200 docs</td>
<td>0.2046</td>
</tr>
<tr>
<td>At 500 docs</td>
<td>0.1132</td>
</tr>
<tr>
<td>At 1000 docs</td>
<td>0.0675</td>
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</tbody>
</table>

### Recall-Precision Curve

#### Difference from Median in Average Precision per Topic

- X-axis: Topic
- Y-axis: Difference
- Range: [-1.0, 1.0]