### Summary Statistics

- **Run ID**: aplrob03d
- **Run Description**: Automatic, description only
- **Number of Topics**: 100

<table>
<thead>
<tr>
<th>Total number retrieved</th>
<th>50000</th>
<th>50000</th>
<th>100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total relevant</td>
<td>44161</td>
<td>16586</td>
<td>74224</td>
</tr>
<tr>
<td>Total relevant retrieved</td>
<td>22761</td>
<td>14753</td>
<td>3751</td>
</tr>
</tbody>
</table>

| Mean average precision  | 0.161 | 0.383 | 0.272 |
| % topics with no relevant in top 10 | 28.0 | 16.0 | 22.0 |
| Integral of MAP(X) curve for worst 1/4 topics | 0.0055 | 0.0269 | 0.0080 |

### Document Level Averages

#### Precision

<table>
<thead>
<tr>
<th>Document Level Averages</th>
<th>Old</th>
<th>New</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>At 5 docs</td>
<td>0.352</td>
<td>0.560</td>
<td>0.456</td>
</tr>
<tr>
<td>At 10 docs</td>
<td>0.290</td>
<td>0.496</td>
<td>0.393</td>
</tr>
<tr>
<td>At 15 docs</td>
<td>0.251</td>
<td>0.443</td>
<td>0.347</td>
</tr>
<tr>
<td>At 20 docs</td>
<td>0.253</td>
<td>0.413</td>
<td>0.333</td>
</tr>
<tr>
<td>At 30 docs</td>
<td>0.228</td>
<td>0.353</td>
<td>0.291</td>
</tr>
<tr>
<td>At 100 docs</td>
<td>0.151</td>
<td>0.173</td>
<td>0.162</td>
</tr>
<tr>
<td>At 200 docs</td>
<td>0.112</td>
<td>0.110</td>
<td>0.111</td>
</tr>
<tr>
<td>At 500 docs</td>
<td>0.070</td>
<td>0.052</td>
<td>0.061</td>
</tr>
<tr>
<td>At 1000 docs</td>
<td>0.046</td>
<td>0.030</td>
<td>0.037</td>
</tr>
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</table>

#### Recall

<table>
<thead>
<tr>
<th>Percentage</th>
<th>0.0</th>
<th>0.2</th>
<th>0.4</th>
<th>0.6</th>
<th>0.8</th>
<th>1.0</th>
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</thead>
<tbody>
<tr>
<td>Precision</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### Difference from Median in Average Precision per Topic

<table>
<thead>
<tr>
<th>Difference from Median in Average Precision per Topic</th>
<th>Old</th>
<th>New</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document Level Averages</td>
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</table>