Articles and Editors of Meta Communities in the Ibero-South American Wikipedias and MetaWiki

rut jesus
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history

- Gift
- Seeing

philosophy of research

- Other Wikipedias
- Meso-level

Finding meaning....
Methods

• Bicliques
• $K_{a,b}$
• Filtering and thresholding:
  – 10 edits
  – 3-14
Previous work

Bipartite Networks of Wikipedia’s Articles and Authors: a Meso-level Approach

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Figure 1: The Evolution/Creationism debate is mirrored in the way the articles ‘Evolution’, ‘Pseudoscience’, ‘Creationism’, ‘Atheism’ and ‘Creation science’ belong to the same cluster. These articles are edited by at least 13 active editors engaged in this controversy.
Figure 9: Cluster revealing the coordinated effort to improve Wikipedia articles about the elements of the Periodic Table.

Figure 10: Cluster showing more elements that are part of the WikiProject concerned with improving the articles of the elements of the Periodic Table by decreasing the minimum number of edits allowed.
Datasets

- Pt wikipedia
- Es wikipedia
- Metawiki

Data from 4 namespaces

Wikipedia:
Help:
and talk ones…
## Statistics

**Table 1: Statistics from Wikipedia retrieved 30 March 2009**

<table>
<thead>
<tr>
<th></th>
<th>MetaWiki</th>
<th>Ptwiki</th>
<th>Eswiki</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content pages</td>
<td>14306</td>
<td>468999</td>
<td>457836</td>
</tr>
<tr>
<td>Pages (All pages in the wiki, including talk pages, redirects, etc)</td>
<td>131443</td>
<td>1825914</td>
<td>1610623</td>
</tr>
<tr>
<td>Page edits since meta was set up</td>
<td>1736733</td>
<td>14888384</td>
<td>26715606</td>
</tr>
<tr>
<td>Average edits per page</td>
<td>13.21</td>
<td>8.15</td>
<td>16.59</td>
</tr>
<tr>
<td>Registered users</td>
<td>224171</td>
<td>527758</td>
<td>1021267</td>
</tr>
<tr>
<td>Active users (users who have performed an action in the last 30 days)</td>
<td>1479</td>
<td>6051</td>
<td>15455</td>
</tr>
<tr>
<td>Bots</td>
<td>19</td>
<td>121</td>
<td>186</td>
</tr>
<tr>
<td>Administrators</td>
<td>83</td>
<td>66</td>
<td>133</td>
</tr>
<tr>
<td>Bureaucrats</td>
<td>27</td>
<td>5</td>
<td>129</td>
</tr>
<tr>
<td>CheckUsers</td>
<td>6</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Stewards</td>
<td>43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Importers</td>
<td>4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Table 2: Comparison of numbers of meta-articles in 3 wikis (2 wikipedias)**

<table>
<thead>
<tr>
<th>Wiki</th>
<th>MetaWiki (4)</th>
<th>PtWiki (4)</th>
<th>Eswiki (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Content articles</td>
<td>14306</td>
<td>468999</td>
<td>457836</td>
</tr>
<tr>
<td>Number of articles in the whole</td>
<td>131443</td>
<td>1825914</td>
<td>1610623</td>
</tr>
<tr>
<td>Articles in 4 namespaces (wp,wt,h,ht)</td>
<td>28541</td>
<td>33690</td>
<td>14975</td>
</tr>
<tr>
<td>Editors</td>
<td>82345</td>
<td>35368</td>
<td>77036</td>
</tr>
<tr>
<td>Editors/Article (5/4)</td>
<td>2.885</td>
<td>1.050</td>
<td>5.144</td>
</tr>
</tbody>
</table>
Themes of interaction: geral

Figure 1: Cluster of 9 editors and 4 articles in the Portuguese Wikipedia, with a general theme: Pages to delete, Esplanada, Requests for administration, and Pages to Delete/Archive (8,3)

Figure 1: Cluster of 6 editors and 4 articles in the Spanish Wikipedia, with a general theme: Sandbox, Candidaturas a bibliotecario, consultas, and caf (5,3)
**Featured Articles**

**Fig. 1.** Cluster $K_{10,2}$ of 11 editors and 4 articles in the Portuguese Wikipedia surrounding article featuring: ❍Featured Articles ❍, ❍Village pump/proposals ❍, ❍Election of the featured article ❍ Village pump/general.

**Fig. 2.** Cluster $K_{7,3}$ of 11 editors and 5 articles in the Spanish Wikipedia surrounding article featuring: ❍Featured Articles ❍, ❍Vandalism now ❍, ❍Selection of good articles/nominations ❍, ❍candidates to featured articles ❍, ❍village pump/archive/miscellaneous/actual ❍.
Fig. 1. Cluster $K_{6,3}$ of 7 editors and 4 articles in the Portuguese Wikipedia with two general articles, and two specific about deletion: [Village Pump], [Pages to delete], [Speed deletion], [Requests for administration].

Fig. 2. Cluster $K_{8,4}$ of 9 editors and 5 articles in the Portuguese Wikipedia 2 articles that are general, 2 about administration, and one, well: pages to delete, village pump/general requests of administration, things to not do, and images to delete.
Ballots

Fig. 1. Cluster $K_{12,3}$ of 14 editors and 4 articles in the Spanish Wikipedia with two articles about ballots: city of the week/ballot, country of the week/ballot, village pump/archive/proposals/actual, village pump/archive/miscellaneous/actual.
**MetaWiki: Languages & translations**

**Fig. 1.** Cluster $K_{6,1}$ of 9 editors and 2 articles about New languages.

**Fig. 2.** Cluster $K_{5,1}$ of 24 editors and 4 articles giving more context to the previous cluster about new languages. In this, List of Wikipedias and Translation of the week/Translation candidates are also edited.
WikiMedia projects

**Fig. 1.** Cluster $K_{3,3}$ of 4 editors and 5 articles covering a number of Wikimedia projects: Wikiquote, Table of Wikimedia Projects by Size, Wikinews, Wikisource, Wikibooks/Table.
Fig. 1. Cluster $K_{4,1}$ of 11 editors and 3 articles about the Wikimedia project Wikiversity.
Fig. 1. Cluster $K_{2,7}$ of 3 editors and 12 articles with many political issues, particularly board elections.
Cluster $K_{6,1}$ of 9 dedicated Norwegians and 2 articles about Wikimedia Norge.
Cluster $K_{1,3}$ of 3 editors and 13 articles related to Wikimedia Sverige.
Wikimedia chapters: Brasil (?!)

Cluster $K_{2,2}$ of 3 editors and 5 articles about Wikimedia Brasil (?!).
Discussion topics

- Is community building ‘just’ house keeping?
- Advice and following between Wikipedias?
- Structure of community vs structure of work (tightness)
- Confirmations/questions between bottom-up and top-down
Best

• Wikimedia brasil
• New languages
• Themes: featuring, ballots, deletion, board elections...
Let’s play - let’s find you:

- Run the program...
Cluster $K_{1,2}$ of 2 editors and 3 articles concerning Wikimedia Argentina and Wikimania 2009 in Buenos Aires.

Gracias!