

# Knowledge Gaps Index: Measuring Content Gaps

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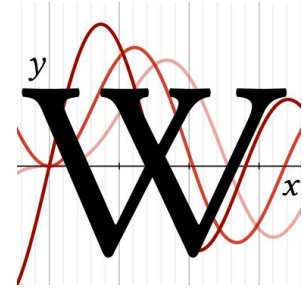


# The strategic direction: Knowledge Equity

[from Movement Strategy 2030]

**Knowledge equity:** As a social movement, we will focus our efforts on the **knowledge and communities that have been left out by structures of power and privilege**. We will welcome people from every background to build strong and diverse communities. We will **break down the social, political, and technical barriers** preventing people from accessing and contributing to free knowledge.

## How far are we from reaching knowledge equity?



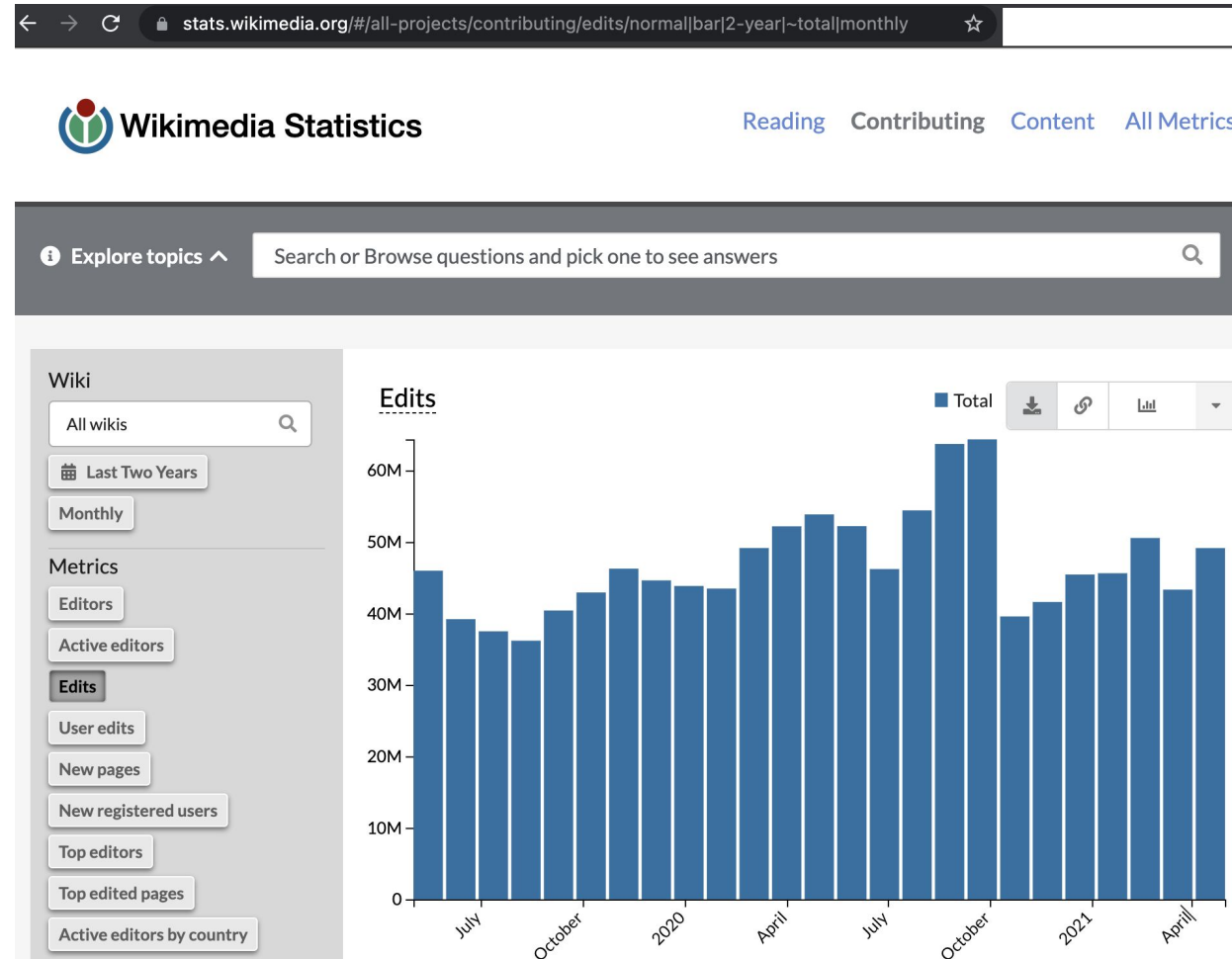
Identify and measure the individual components based on which we can track our progress towards this goal.

### Measuring Content Gaps.

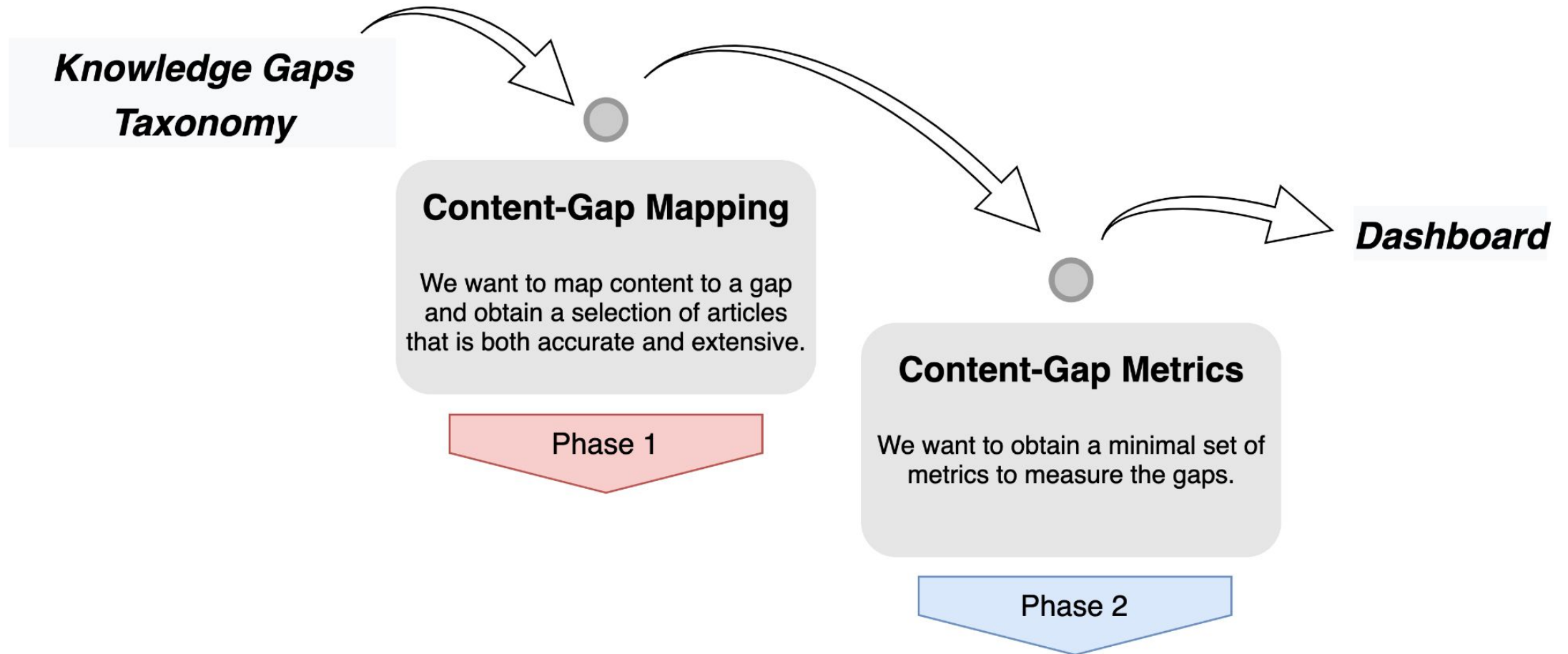
Based on community interest, while creating the Knowledge Gaps Taxonomy, we choose five content gaps to study:

- **gender, sexual orientation, geography, cultural context, and time.**

We want to measure content gaps and eventually have monitoring tools similar to stats.wikimedia.org.



**We need to map content to a gap and design metrics that explain them.**



## **Open research: project presentation and discussion**

- **Review of communities and user groups documentation** on the five different gaps (gender, sexual orientation, geography, etc.) to understand (1) the type of content that relates to the gap, and (2) the practices, needs and goals that appear in the process of bridging these gaps.
- **Interviews with user group and community leaders** (e.g, Gender and LGBT+) to uncover the most common information needs.

# Thank you!



Created by basith ibrahim  
from Noun Project

**We are creating metrics together  
to support the whole movement.**

Thank you for the interviews

Viquidones, Wikimujeres, Art+Feminism,  
Wikiesfera, Wikidonne, Wikimedia LGBT+, and  
other individual Wikimedians.

## Chosen metrics

- The final chosen three metrics, based on community interest and scientific maturity are:
  1. **Selection** (Number of articles for each category of the gap). e.g., number of articles for each country for the geography gap.
  2. **Extent-Score** (indicator similar to wikirank to explain the degree of completion/quality of articles based on length, # sections, # images). The extent-score will explain “how good” the articles in each category are.
  3. **Visibility** (Percentage of articles for each category in spaces like the “Main Page” or the group of “Featured articles”).



## Future metrics

Some very valuable aspects of the content gaps were mentioned in the interviews and have not been addressed.

They would require new original research beyond the scope of this project and will be addressed in the future.

- Deletion process
- Engagement (power dynamics behind the article edit history)
- Different types of references

# We are implementing the three metrics.

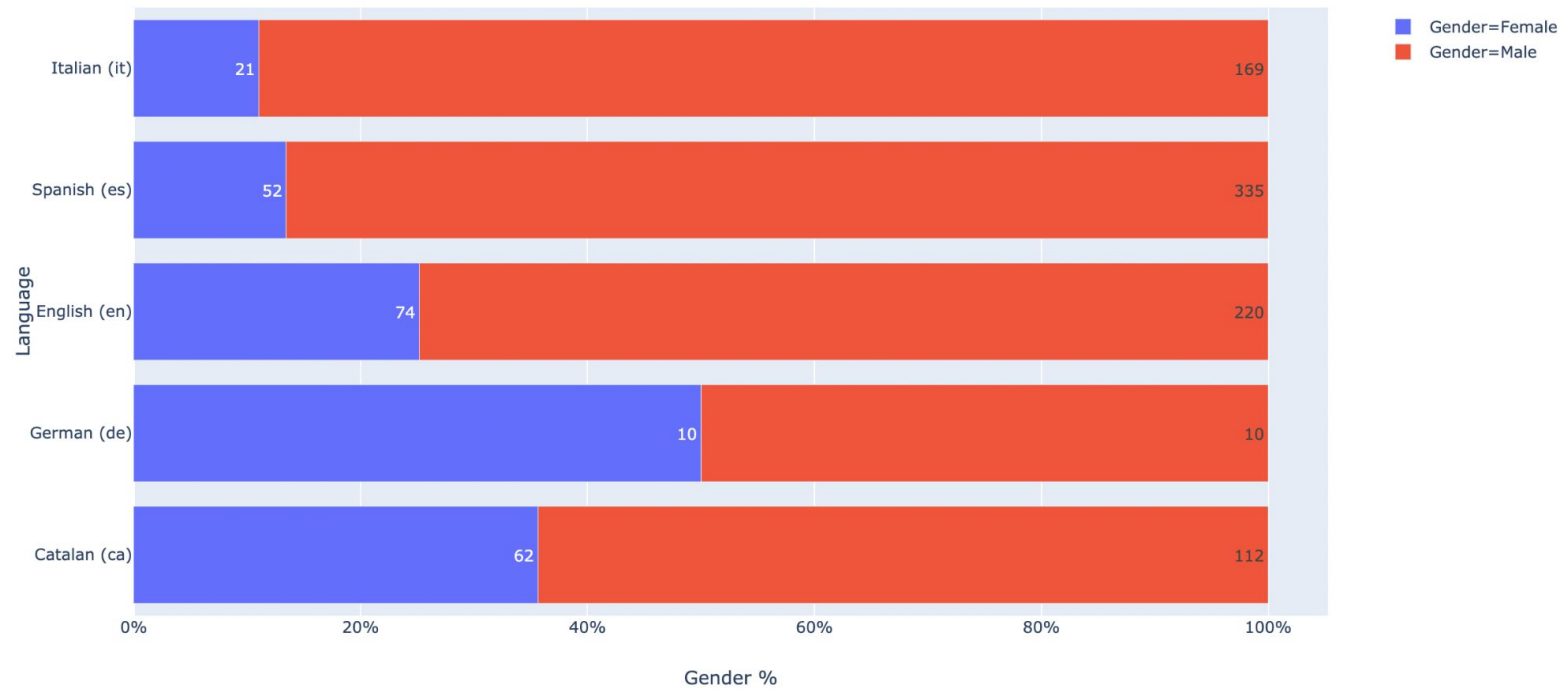
You can add or remove languages:

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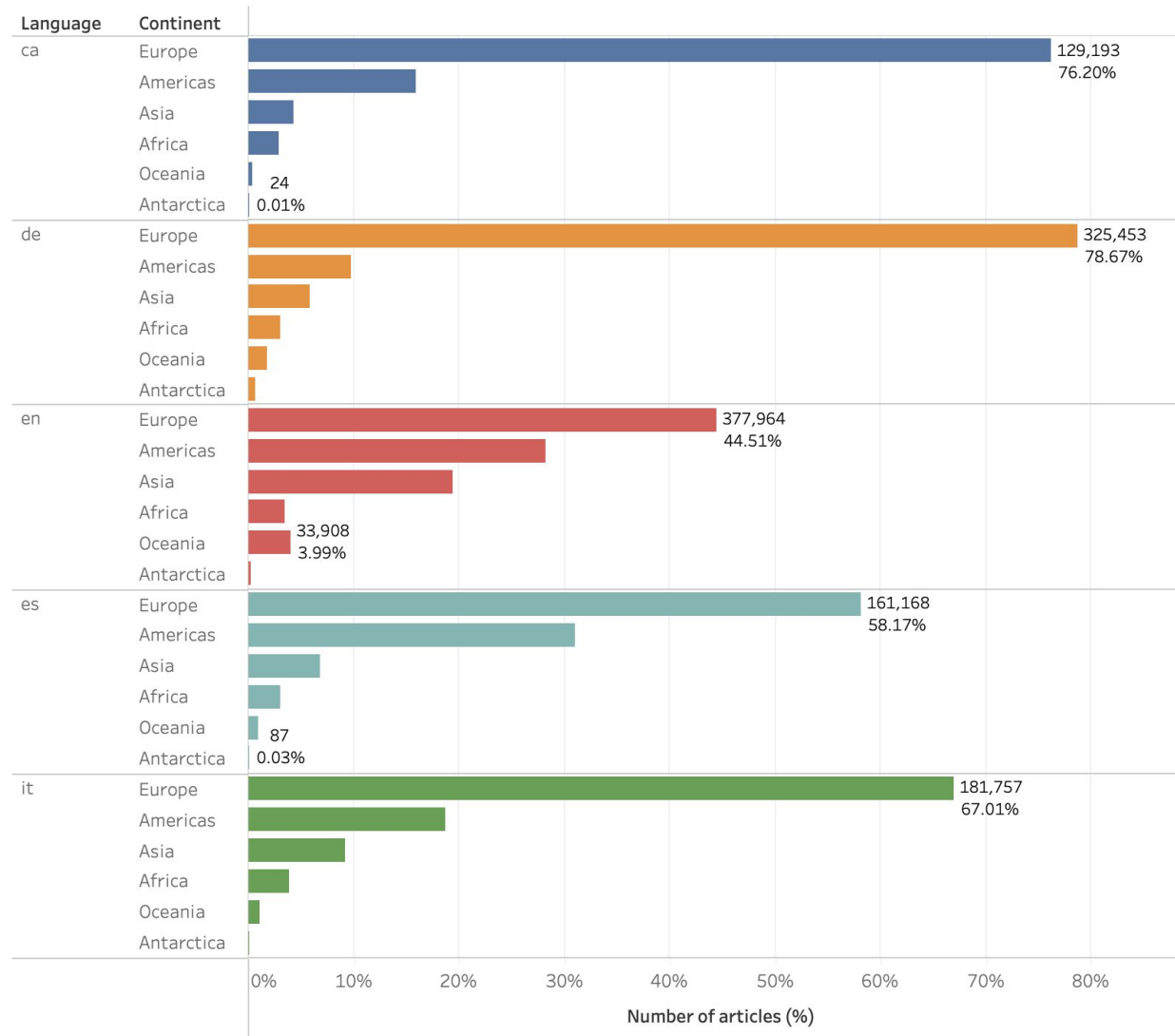
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Last data update: 13 June, 2021 at 23:28 UTC



## Gender Gap Visibility

## Geography Gap Selection - Continents



## Geography Gap Selection (Continents)

## Next steps

- **More documentation** on the research process, methodology and code will be available on Meta in the next weeks.
- Creating a “Stats” dashboard-website for knowledge gaps.
  - If you want to stay involved as participant in the design process, feedback will be very welcome along the design and development process. Please, e-mail me at [mmiquel-ctr@wikimedia.org](mailto:mmiquel-ctr@wikimedia.org)
- You can attend any **Wikimedia Research Office hours** session and ask research related questions that you think we could try to answer.

# Thank you very much!

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