



CoARA

Coalition for Advancing
Research Assessment

Exploring the landscape of multilingualism through bibliometrics

André Brasil

CoARA WG on Multilingualism Webinar

September 2024

The Global South

A sort of underdog complex can lead to misguided
internationalization efforts

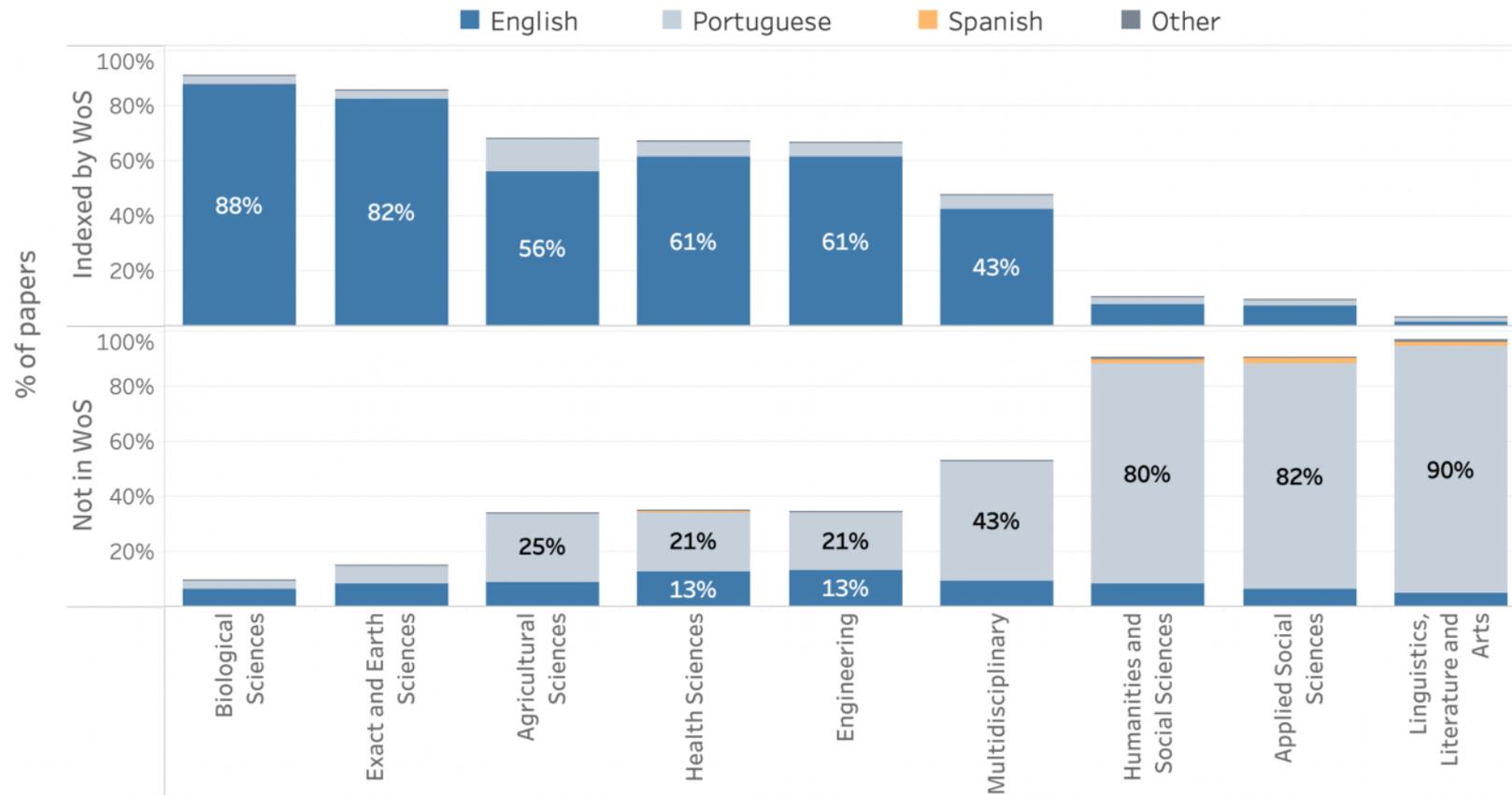
LET'S DO WHATEVER WE THINK THEY ARE DOING!

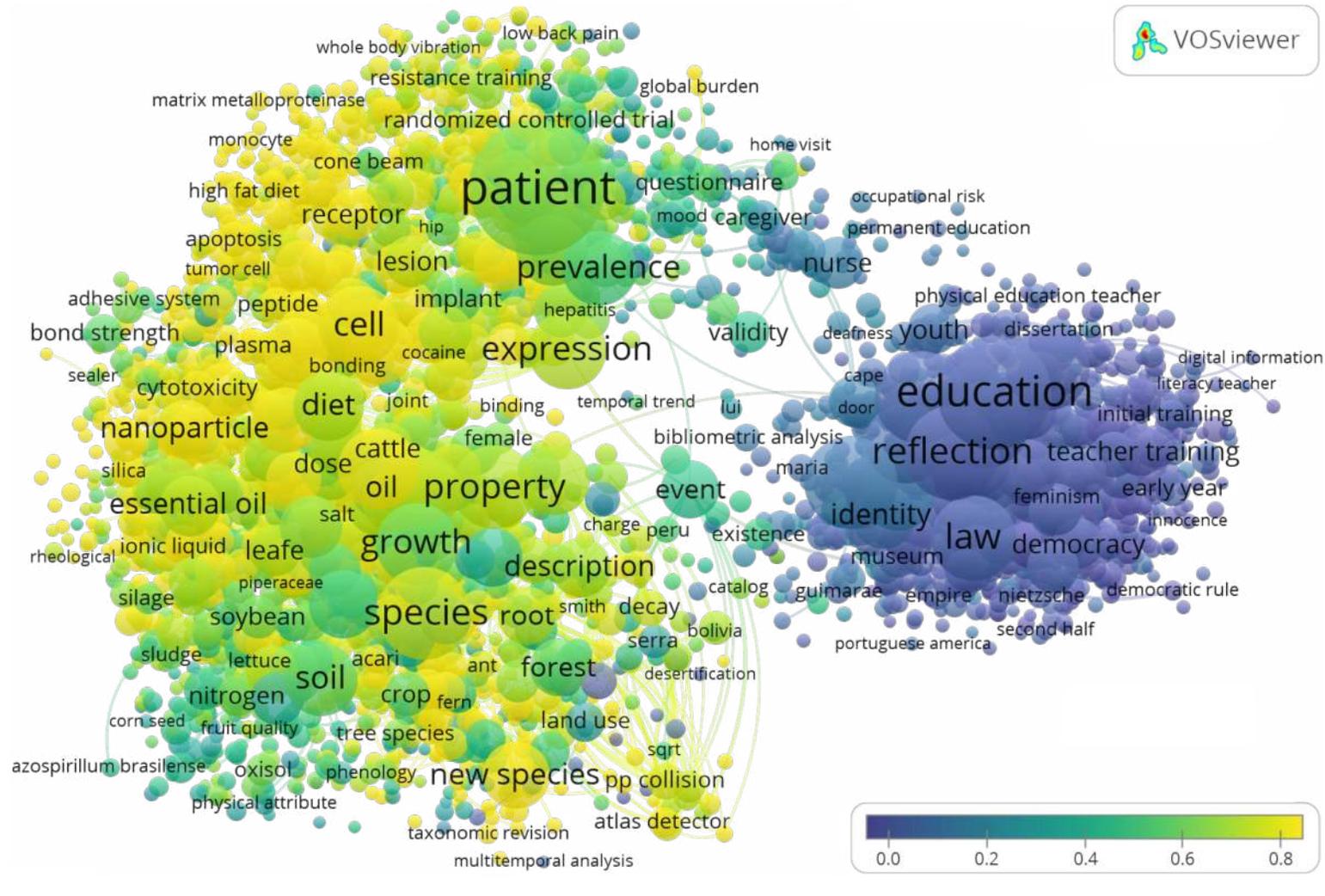


A Brazilian evaluation system for scholarly publications was established in 1998

Brazilian output of journal articles

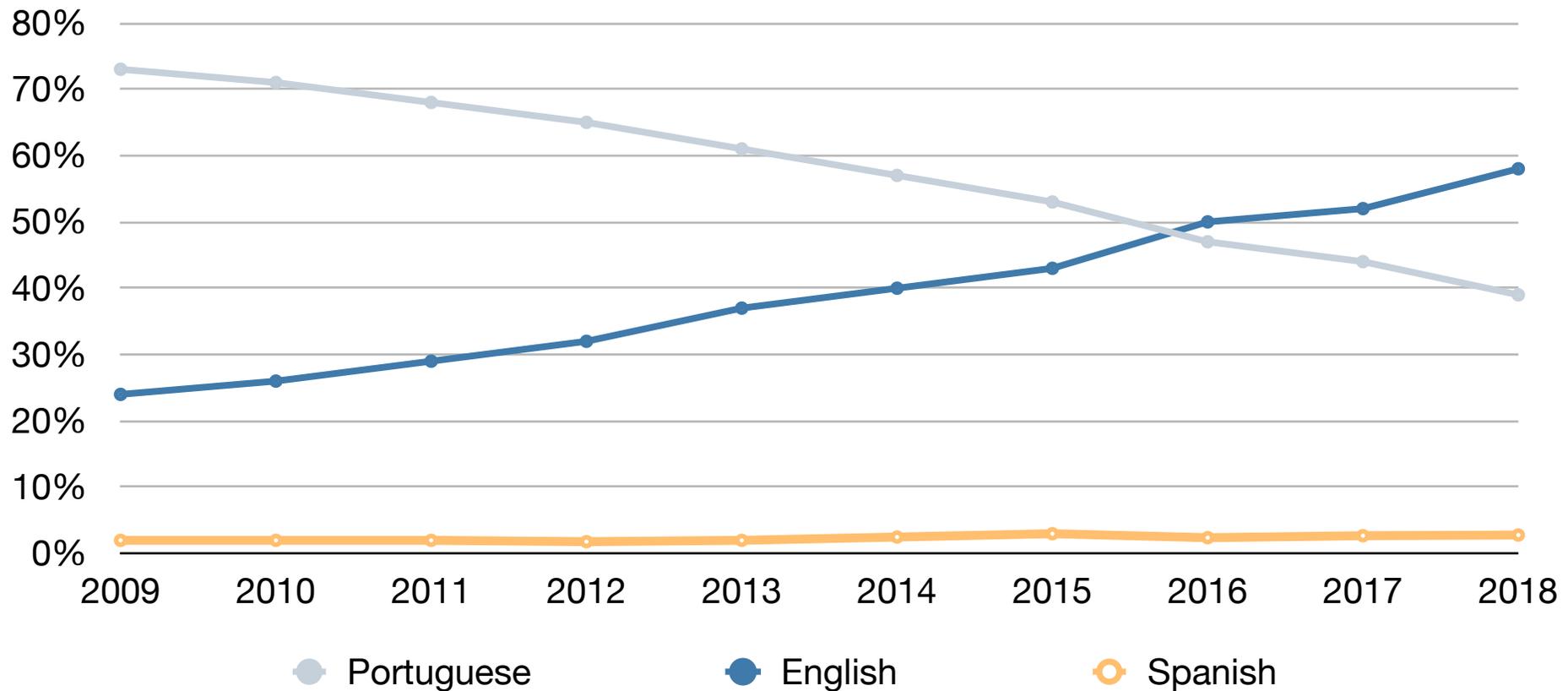
Data from 2013 to 2018, according to WoS indexing and language





Evolution of articles in Brazilian journals

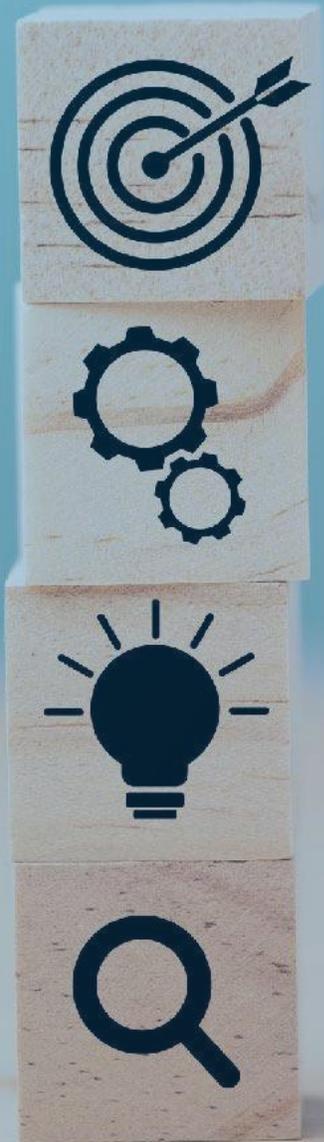
Data from OLIVA (2009- 2018)



The role of multilingual publications

The screenshot displays a Scopus database interface with the following elements:

- Header:** Scopus 25 Brazil, Dados, and navigation icons (home, list, search, bar chart, document).
- Article 1:** "The Divided Left: the Lula and Dilma Governments in Brazilian Political Thought" by Moreira, Marcelo Sevaybricker. Language options: Abstract (EN, ES, FR, PT), Text (PT), PDF (PT).
- Article 2:** "Digital Media, Elections, and Democracy in Brazil: A Qualitative Approach to Studying the Perceptions of Campaign Professionals" by Ituassu, Arthur; Pecoraro, Caroline; Capone, Leticia; Leo, Luiz; Mannheimer, Vivian. Language options: Abstract (EN, ES, FR, PT), Text (PT), PDF (PT). A large black arrow points to these options.
- Article 3:** "Social Networks and Mobile Instant Messaging Services in the Election of Jair Bolsonaro as President of Brazil in 2018" by Mundim, Pedro Santos; Vasconcellos, Fábio; Okado, Lucas. Language options: Abstract (EN, ES, FR, PT), Text (EN), PDF (EN). A large black arrow points to these options.
- Article 4:** "Secular State and Public Reason: How to Distinguish them?" by Rudas, Sebastián. Language options: Abstract (EN, ES, FR, PT), Text (PT), PDF (PT).
- Article 5:** "A New Ideological Classification of Brazilian Political Parties" by Bolognesi, Bruno; Ribeiro, Ednaldo; Codato, Adriano. Language options: Abstract (EN, ES, FR, PT), Text (EN, PT), PDF (EN, PT). A large black arrow points to these options.



What about the global scenario?

Few countries have the Current Research Information Systems that are necessary for an equivalent study.

Research Portal Denmark



Research Portal Denmark – Discover and explore Danish research

En Da



We have celebrated the official launch of Research Portal Denmark with a conference on March 21, 2024. See the presentations and the posters at the [Conference page](#).



Publications

Search Global Data

Search Local Data

Search Open Data - Coming



Patents & Innovation

Search Patent Families - Prototype



Grants & Funders

Danish Funders' Data - Coming



Analytical Overviews

Open Access

Green Research - Prototype



More Information

About the Research Portal

About Data & Documentation

FORAN - Research Analytics Network

Research Portal Denmark

**Research Portal Denmark**Publications - Local Data

Search mode: **Simple** Basic Expert

Example: "udsatte børn" Search

Entire database: **728,769** publications Save Query Clear Query Export Results Sort by Year ↓

- GENERAL**
 - Matching Records in i
 - Select one or more and click Apply
 - Global Data
 - Clarivate Data 312,125
 - Digital Science Data 314,144
 - Elsevier Data 331,670
 - No Matches Found 371,857
 - + Added on
 - + Years
 - PERSONS**
 - + Contributors
 - + No. of Contributors
 - ORGANISATIONS**
 - + Danish Affiliations i
 - + Global Collaboration
 - SUBJECTS**
 - + DK Main Research Areas
 - + UN SDG Classification
 - + Keywords
 - PUBLICATION DETAILS**
 - + Publication Types
 - + Publication Audiences
 - + Publication Status
 - + Review Status
 - + Journals

- "We're not proud of the cases we've been involved in" : Crisis resolution on Facebook using conversational human voice**
Holmgreen, Lise-Lotte
2024, **Journal Article**, International Journal of Business Communication
- Deconstructing/Reconstructing Liberal World Order for the 21st Century**
Schmidt, Johannes Dragsbæk
2024, **Book Chapter**, Contemporary Critiques of Political Economy : Mapping Alternative Planetary Futures
- Active control Based Three-phase Reclosing Scheme for Single Transmission Line with PMSGs**
Yang, Zhe; Liao, Wenlong; Bak, Claus Leth [et al.]
2024, **Journal Article**, IEEE Transactions on Industrial Electronics
- Speculative Fiction**
Jensen, Mikkel; Kongerslev, Marianne; Nielsen, Sørine Amanda
2024, **Book**, Aalborg Universitetsforlag
- Image-Informed Deep Neural Network-Assisted Code Generator for Automatic Antenna Modeling**
Wei, Zhaohui; Zhou, Zhao; Wang, Peng [et al.]
2024, **Journal Article**, IEEE Transactions on Antennas and Propagation
- The Importance of Sound to the Formation of Presence**
Grimshaw-Aagaard, Mark Nicholas
2024, **Book Chapter**, The Oxford Handbook of Video Game Music and Sound

Research Portal Denmark

The screenshot displays the Research Portal Denmark interface. At the top left is the crown logo and the text "Research Portal Denmark". At the top right is "Publications - Local Data". Below this is a search mode selector with "Simple", "Basic", and "Expert" options. A search bar with a "Search" button is visible. On the left side, there are several filter categories: GENERAL, PERSONS, ORGANISATIONS, SUBJECTS, and PUBLICATION DETAILS. The GENERAL filter is expanded, showing a table of global data sources. A large black circle highlights the "GENERAL" filter section.

Research Portal Denmark

Search mode: Simple Basic Expert

Search mode: Simple Basic Expert

GENERAL

- Matching Records in ⓘ
- Select one or more and click [Apply](#)
- Global Data
 - Clarivate Data 312,125
 - Digital Science Data 314,144
 - Elsevier Data 331,670
 - No Matches Found 371,857
- + Added on
- + Years

PERSONS

- + Contributors
- + No. of Contributors

ORGANISATIONS

- + Danish Affiliations ⓘ
- + Global Collaboration

SUBJECTS

- + DK Main Research Areas
- + UN SDG Classification
- + Keywords

PUBLICATION DETAILS

- + Publication Types
- + Publication Audiences
- + Publication Status
- + Review Status
- + Journals

Global Data Source	Count
Clarivate Data	312,125
Digital Science Data	314,144
Elsevier Data	331,670
No Matches Found	371,857

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Export Results Sort by Year ↓

ing conversational human voice

res

MSGs

Antenna Modeling

The Importance

Grimshaw-Aagaard, Man

2024, Book Chapter, The Oxford Music and Sound

Research Portal Denmark

The screenshot displays the Research Portal Denmark interface. A central overlay titled '- Language' is active, showing a list of languages with their respective counts. The overlay includes a search bar, an 'Apply' button, and a 'Select one or more and click' instruction. The background interface shows the 'Publications - Local Data' section with a search bar, 'Export Results' button, and 'Sort by' dropdown menu. The left sidebar contains navigation options for 'GENERAL', 'PERSONS', 'ORGANISATIONS', 'SUBJECTS', and 'PUBLICATION DETAILS'.

Research Portal Denmark

Search mode: **Simple** Basic Expert

GENERAL

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- Select one or more and click **Apply**
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- + Publication Types
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- + Journals

- Language

Select one or more and click **Apply**

<input type="checkbox"/> English	196,541
<input type="checkbox"/> Danish	162,541
<input type="checkbox"/> German	4,267
<input type="checkbox"/> Spanish	1,227
<input type="checkbox"/> Undetermined	1,188
<input type="checkbox"/> French	1,187
<input type="checkbox"/> Swedish	960
<input type="checkbox"/> Norwegian	879
<input type="checkbox"/> Italian	559
<input type="checkbox"/> Chinese	450
<input type="checkbox"/> Portuguese	378
<input type="checkbox"/> Multiple	343
<input type="checkbox"/> Japanese	163
<input type="checkbox"/> Finnish	150
<input type="checkbox"/> Dutch	149

Publications - Local Data

Search

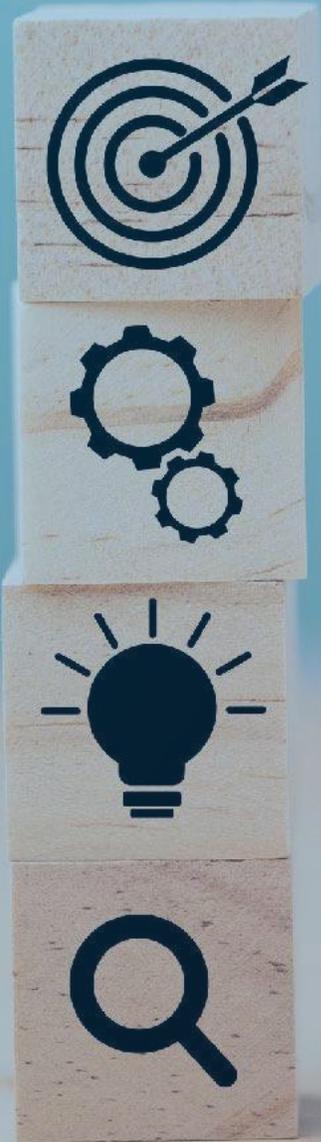
Export Results Sort by Year ↓

using conversational human voice

ry Futures

th PMSGs

na Modeling



What about the global scenario?



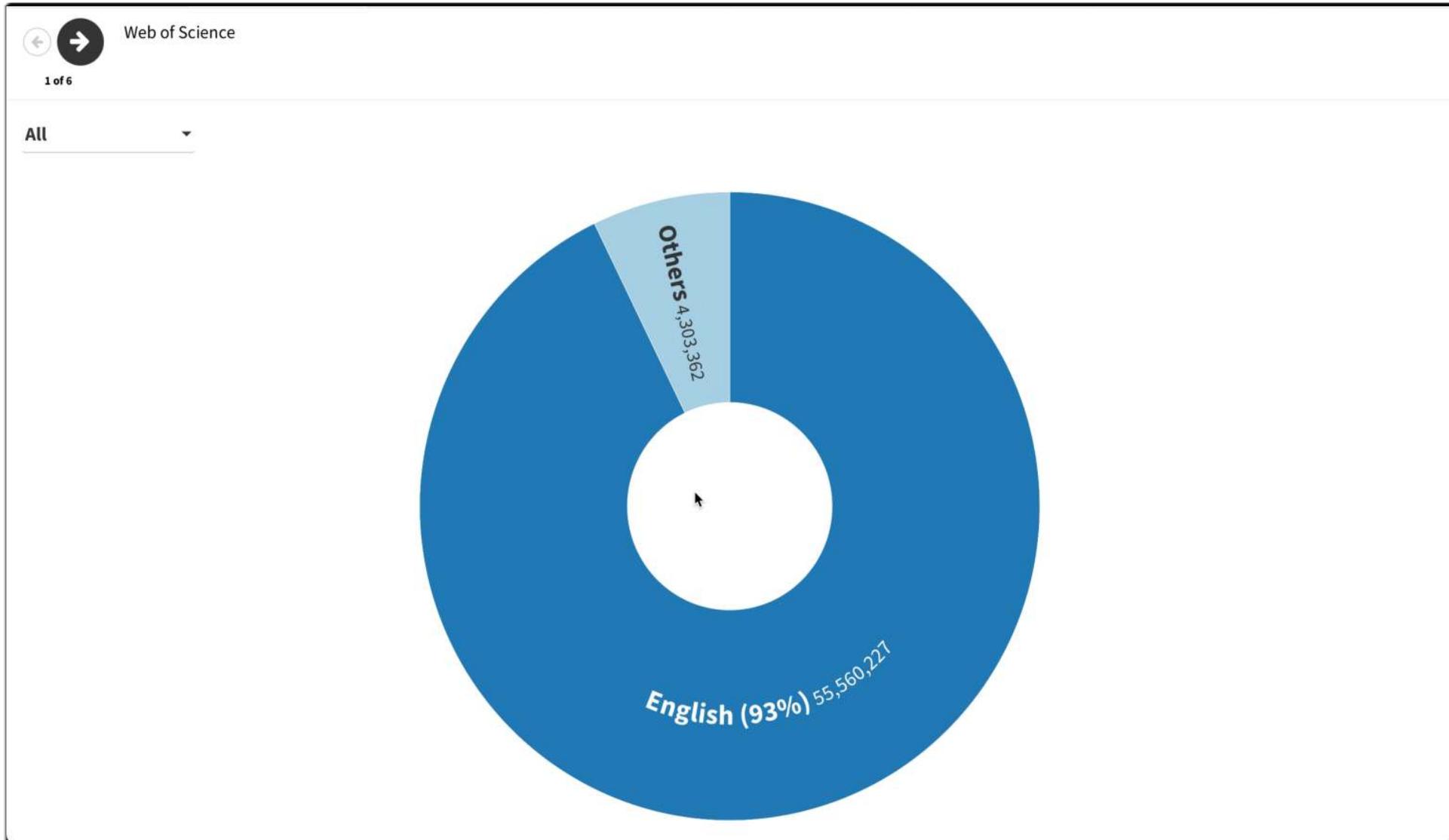
Few countries have the Current Research Information Systems that are necessary for an equivalent study.



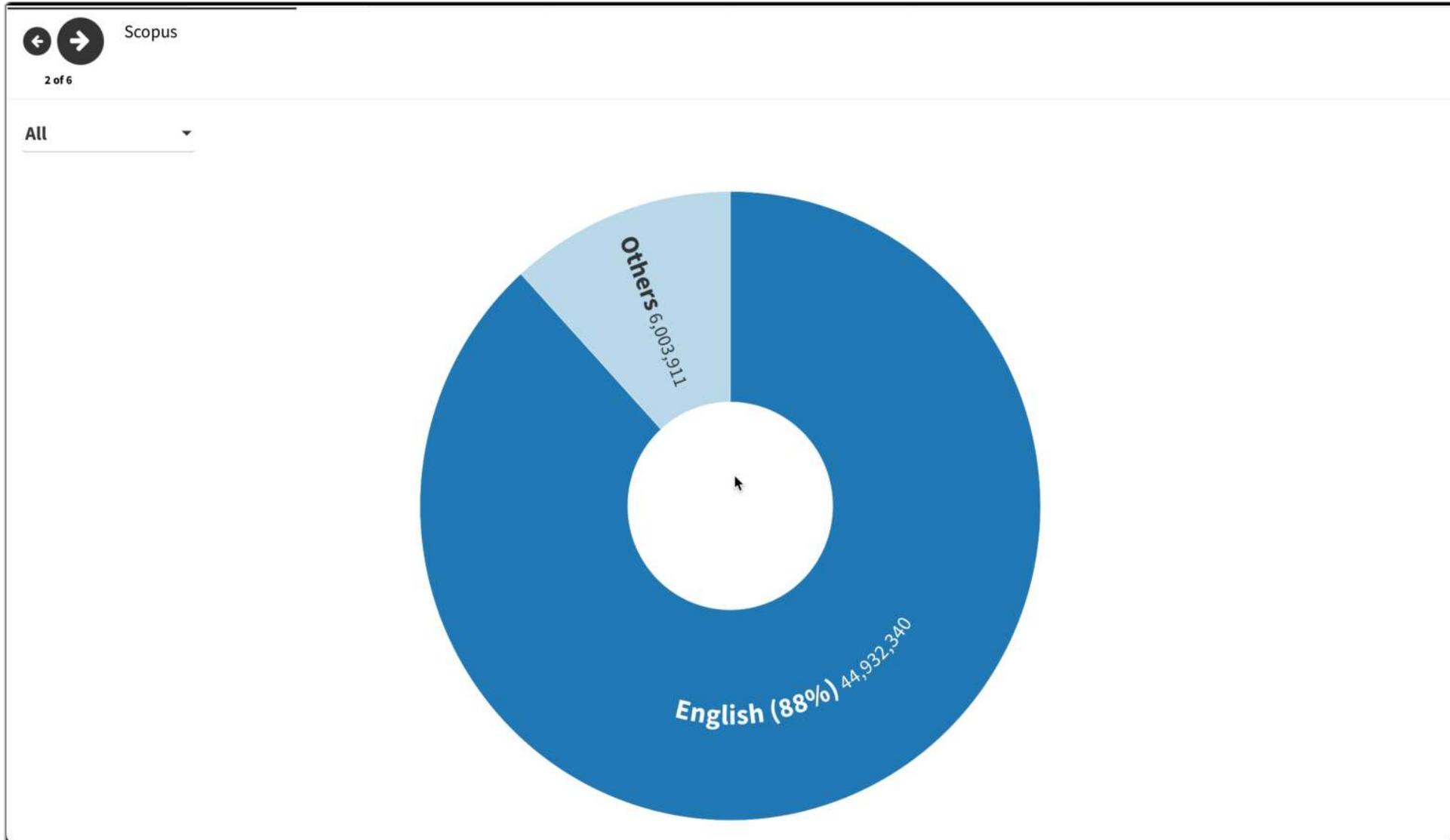
The major databases gives us very little in terms of linguistic diversity.



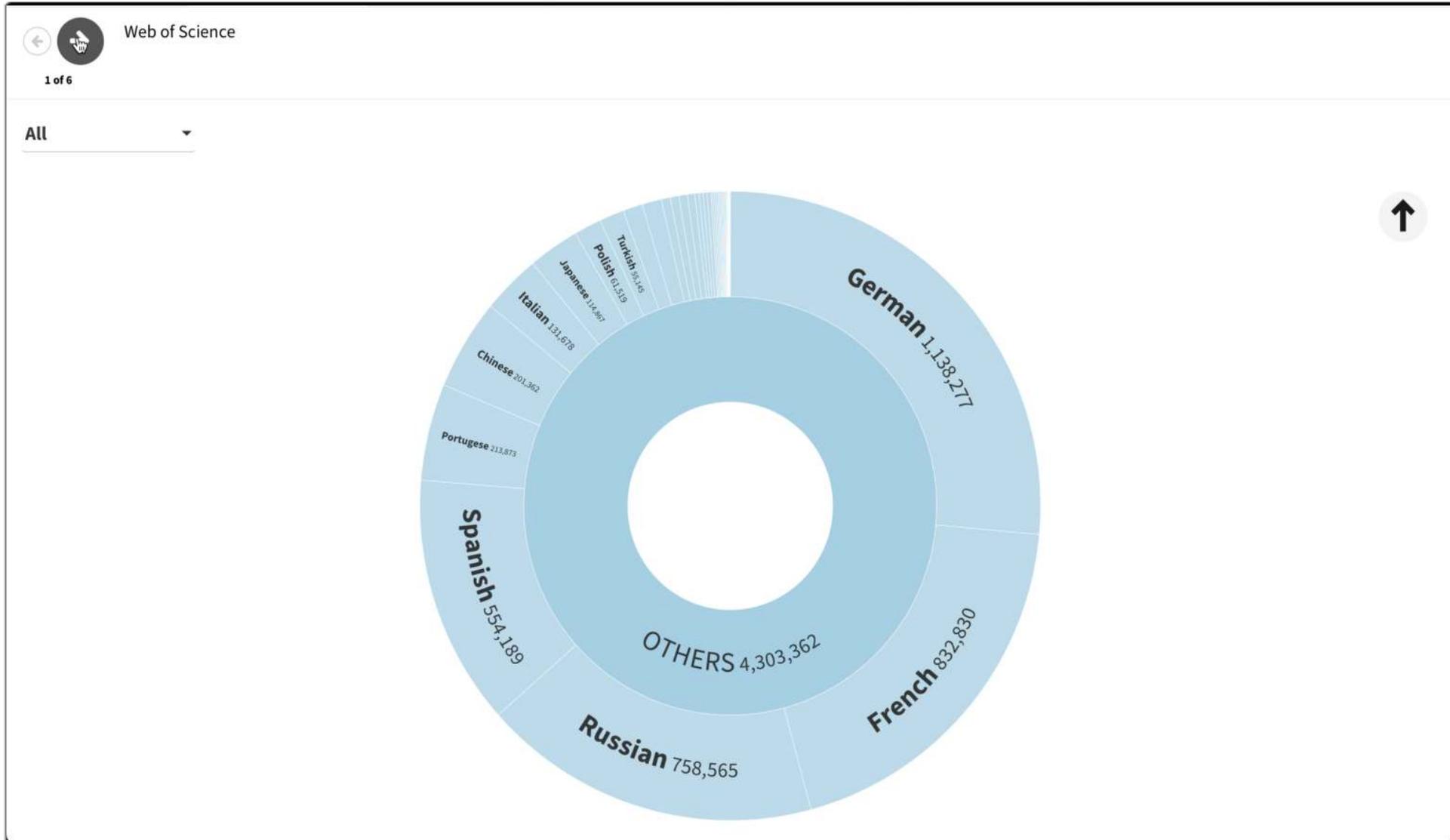
Database coverage: English and others in WoS



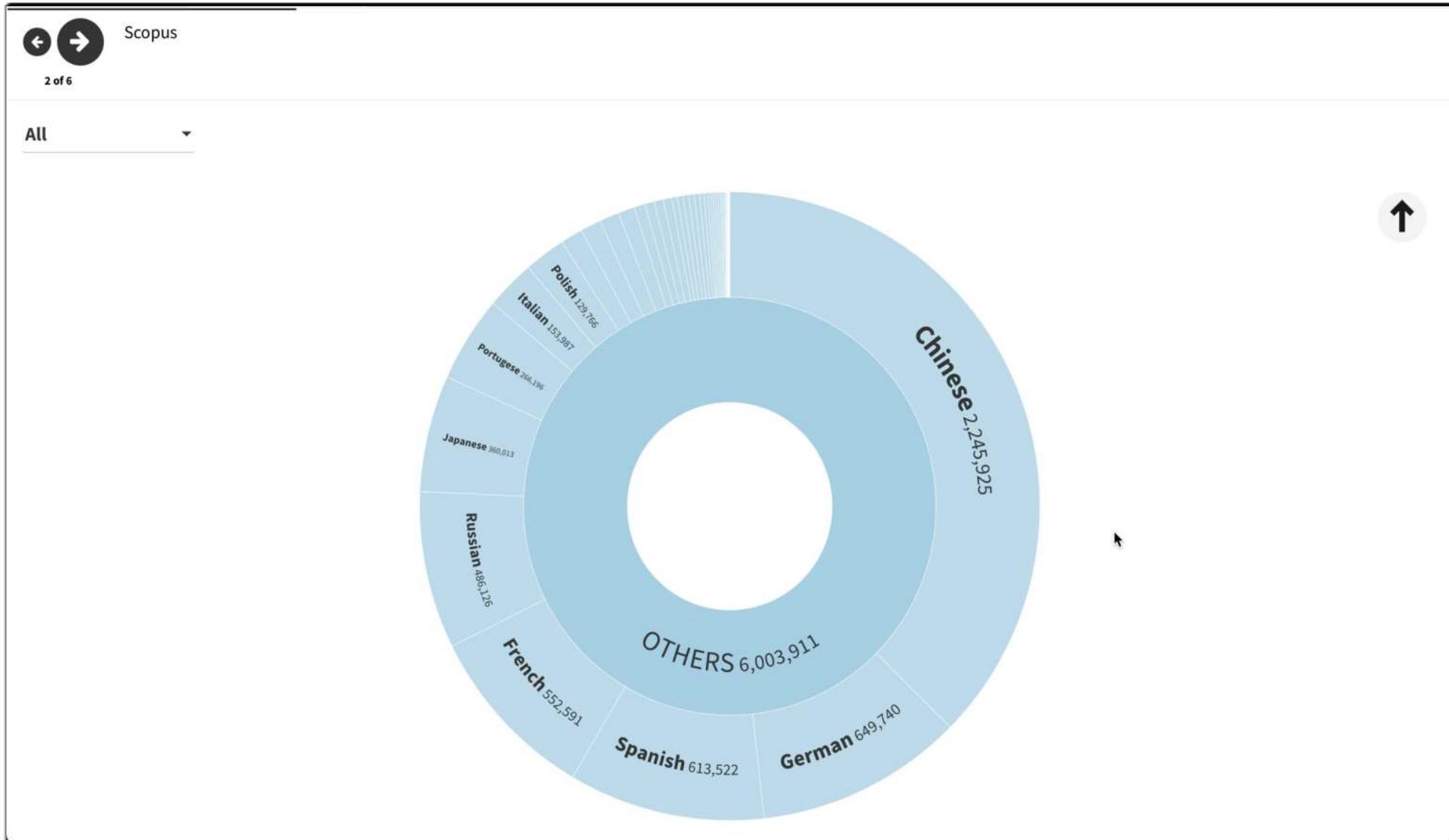
Database coverage: English and others in Scopus



Database coverage: other languages in WoS



Database coverage: other languages in Scopus



What about the global scenario?



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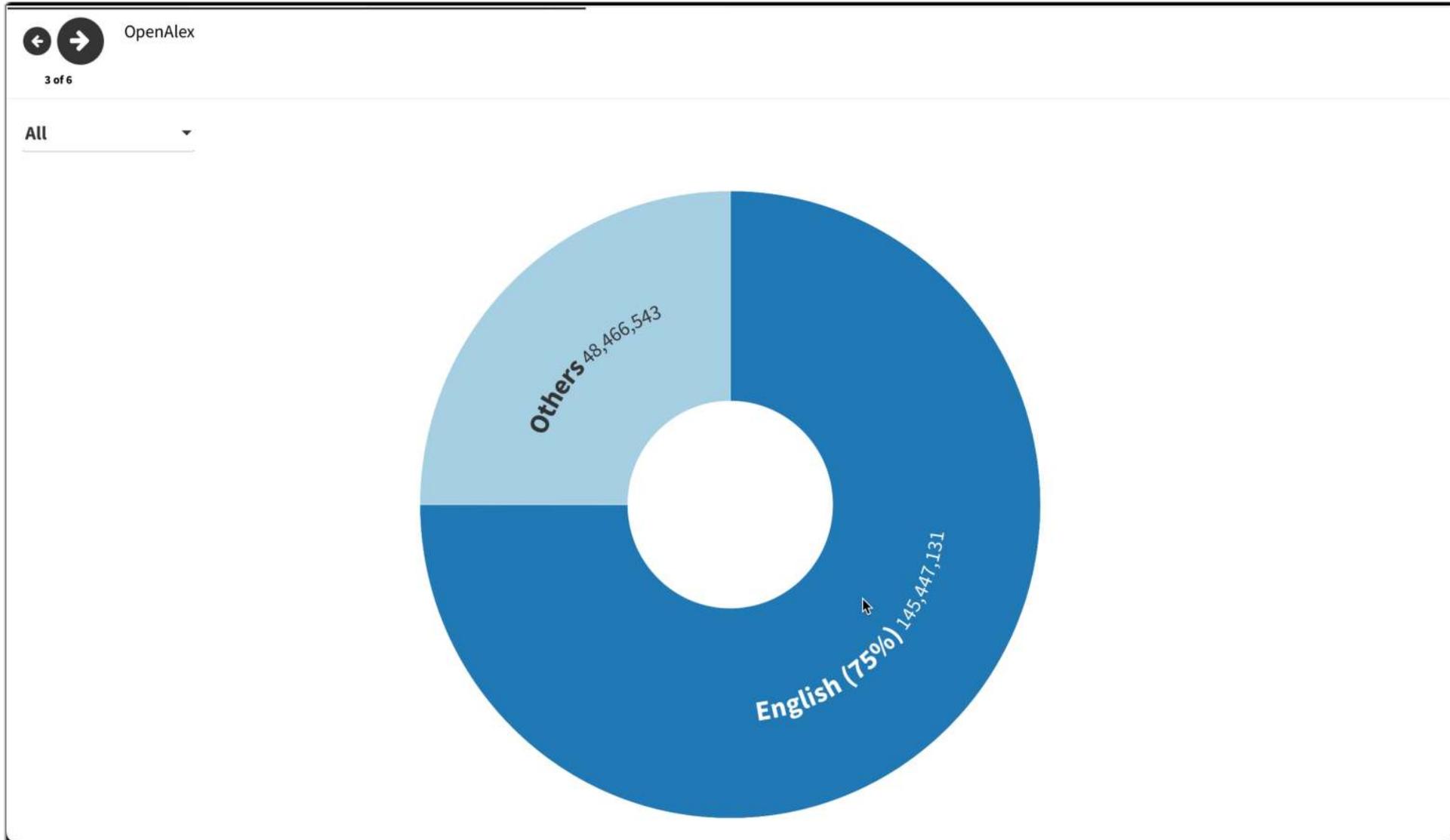
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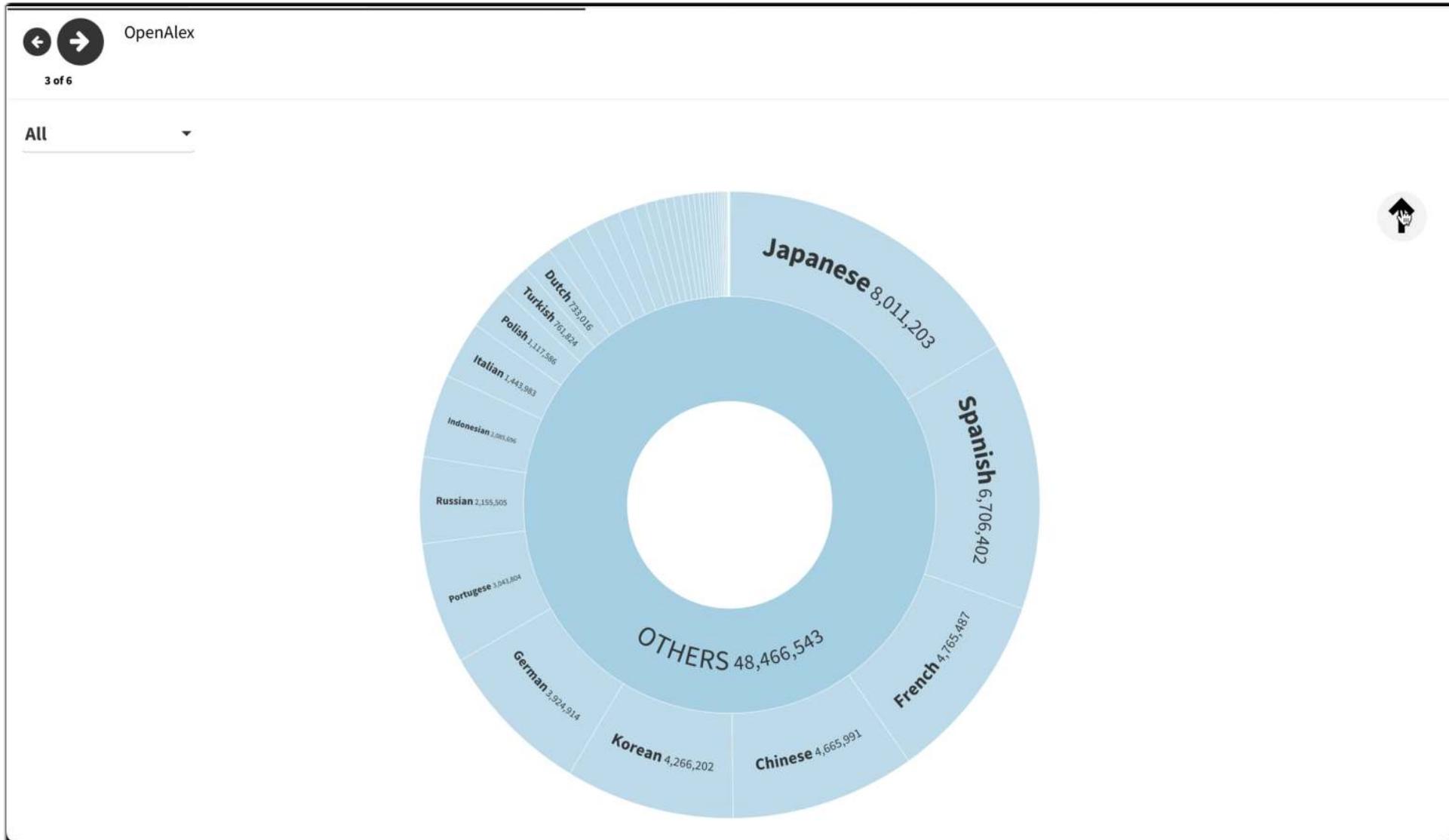
OpenAlex has been a promising alternative for a broader perspective of world science.



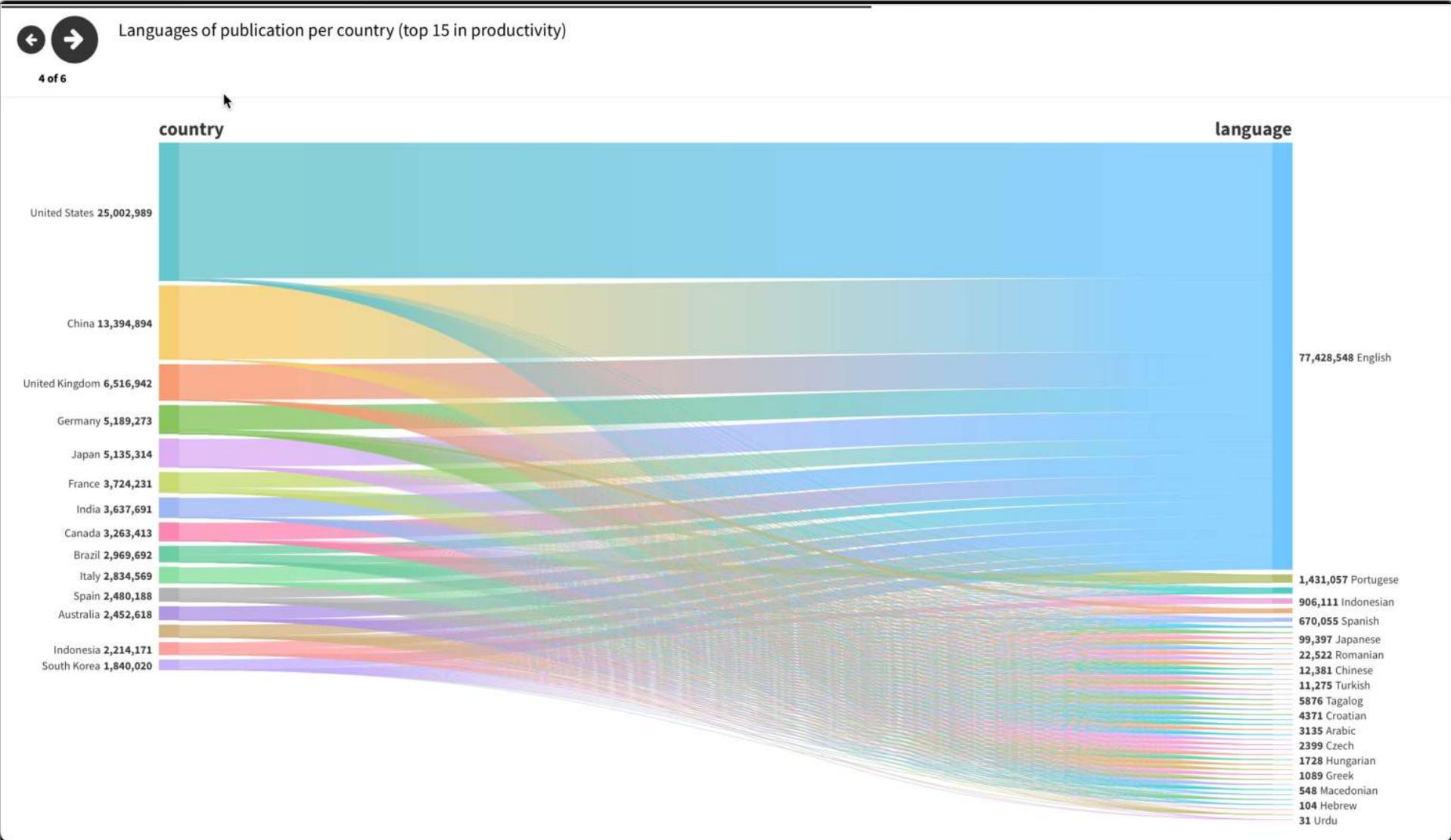
Database coverage: English and others in OpenAlex



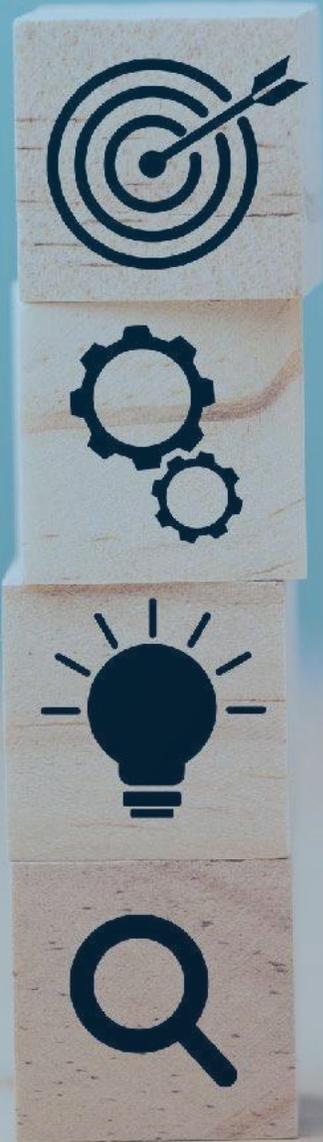
Database coverage: other languages in OpenAlex



Top 15 countries and languages they publish (OpenAlex)



What about the global scenario?



Few countries have the Current Research Information Systems that are necessary for an equivalent study.



The major databases gives us very little in terms of linguistic diversity.



OpenAlex has been a promising alternative for a broader perspective of world science.



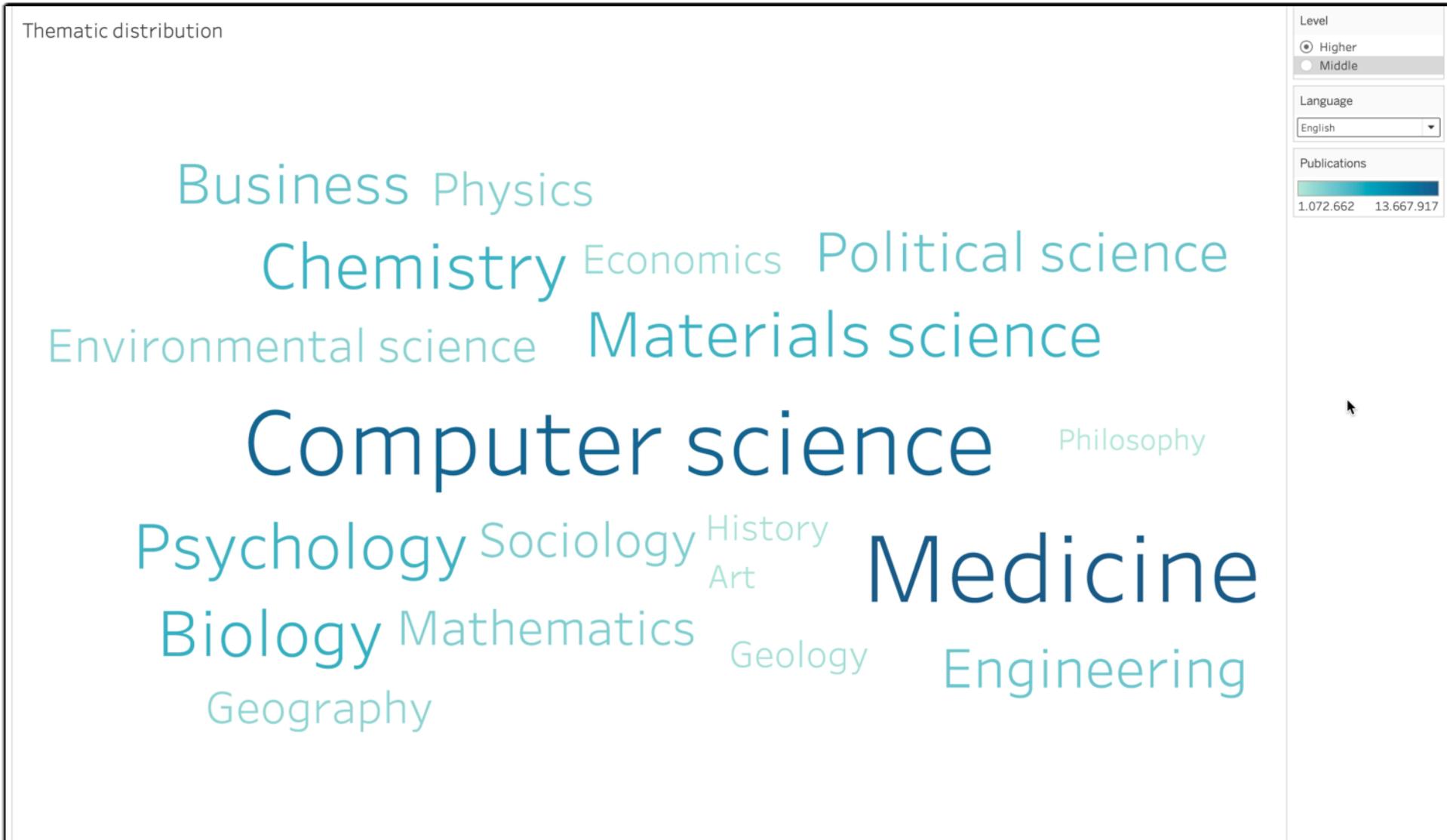
Analyses regarding thematic focus of languages are limited, but show potential.



Disciplinary distribution of publications in all languages



Disciplinary distribution of publications in English

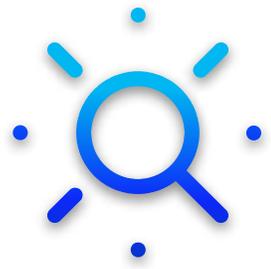


Disciplinary distribution of publications in Dutch



Thematic distribution of publications in English





CoARA



André Brasil



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<https://www.cwts.nl/people/andre-brasil>



andre-brasil

