



More Than a Platform:

How PKP Supports Journals, Provides Services, and Serves as Infrastructure

Juan Pablo Alperin

OJS supports journals

(everyone knows this already)

OJS supports journals

- Provides an end-to-end workflow for submission, peer review, editing, and publication.
- Enables journals to manage editorial roles, policies, metadata, and publication schedules

OJS provides a service

(some people know this)

OJS provides a service

- Provides and sometimes automates connections to external scholarly services (e.g., DOIs, indexing, preservation)
- Embeds standards and best practices (e.g., peer-review models, metadata schemas) and guides users towards best practices
- Incoming: new production tools, such as structured citations and structured text perform actions that would be sent externally otherwise

OJS is an infrastructure

(few people know this, or think of it in this way)



RESEARCH ARTICLE

Recalibrating the scope of scholarly publishing: A modest step in a vast decolonization process

Saurabh Khanna¹ , Jon Ball¹ , Juan Pablo Alperin² , and John Willinsky¹ 

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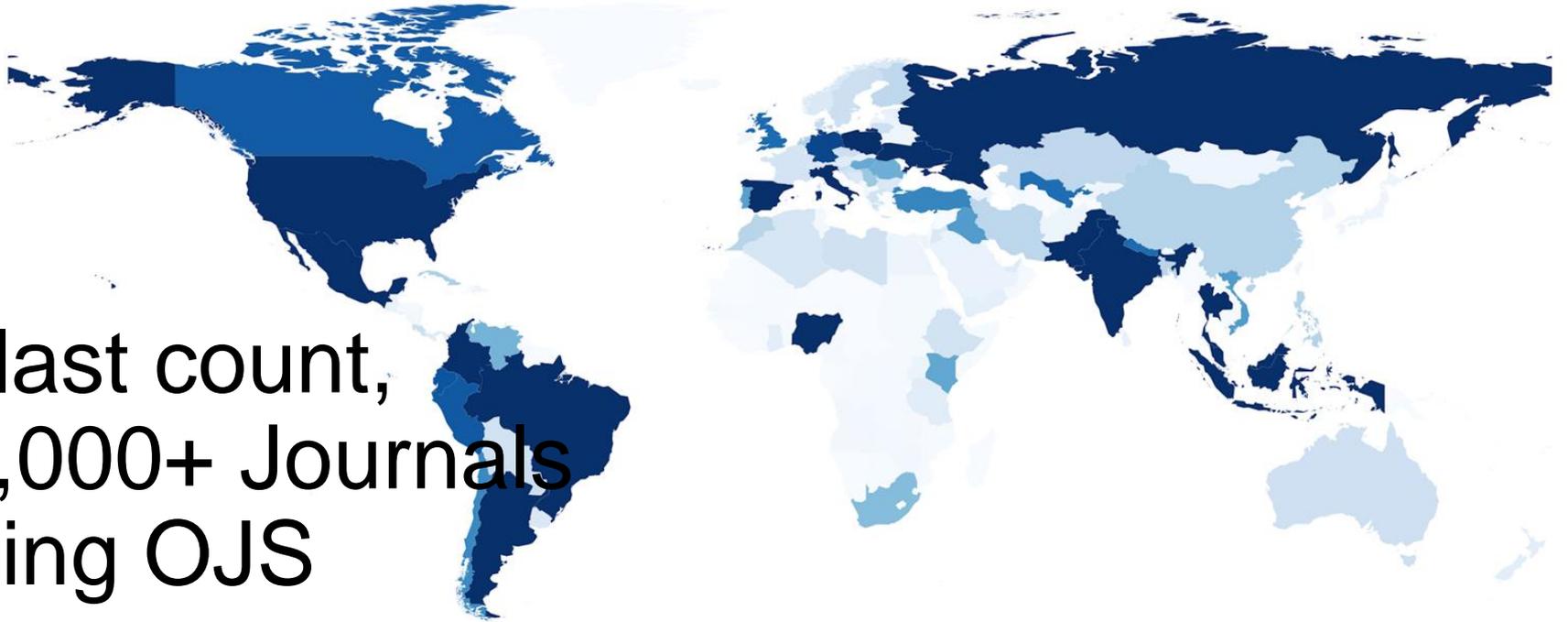
²Publishing Department, Simon Fraser University, Burnaby, BC, Canada

sorry to keep repeating, but it's important

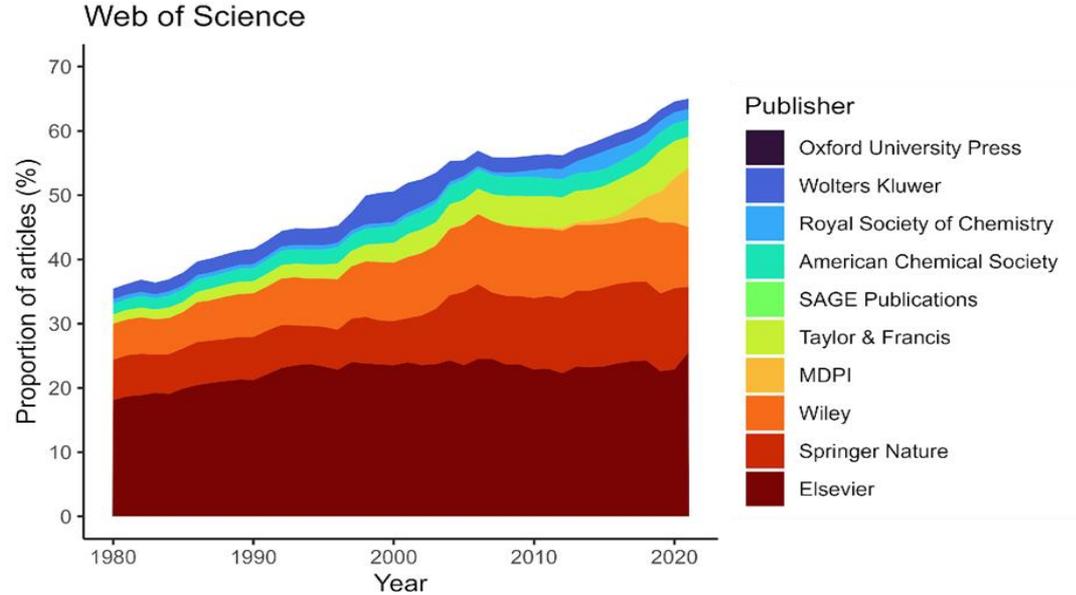
Khanna, S., Ball, J., Alperin, J. P., & Willinsky, J. (2022). Recalibrating the Scope of Scholarly Publishing: A Modest Step in a Vast Decolonization Process. *Quantitative Science Studies*. https://doi.org/10.1162/qss_a_00228

OJS supports a world scholarship

at last count,
55,000+ Journals
Using OJS



we have insight into a new reality



OJS is an infrastructure

- The ubiquity of OJS and its standardizing make it possible to observe a world of scholarship that has been invisible: a window into the new reality
- It also allows changes and opportunities to be rolled out at scale (e.g., Open Peer Reviews, the Publication Facts Label, adoption of new standards)
- Provides a shared foundation for interoperability and coordinated

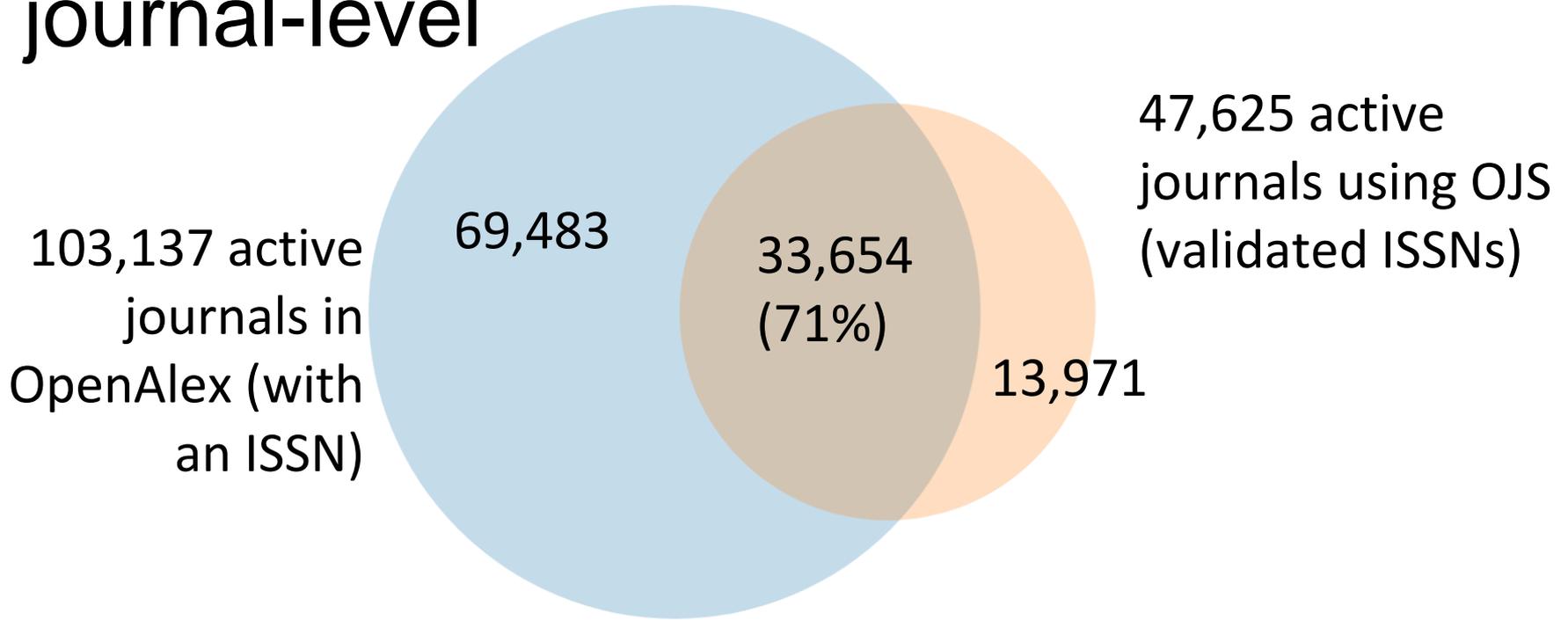
have created two datasets



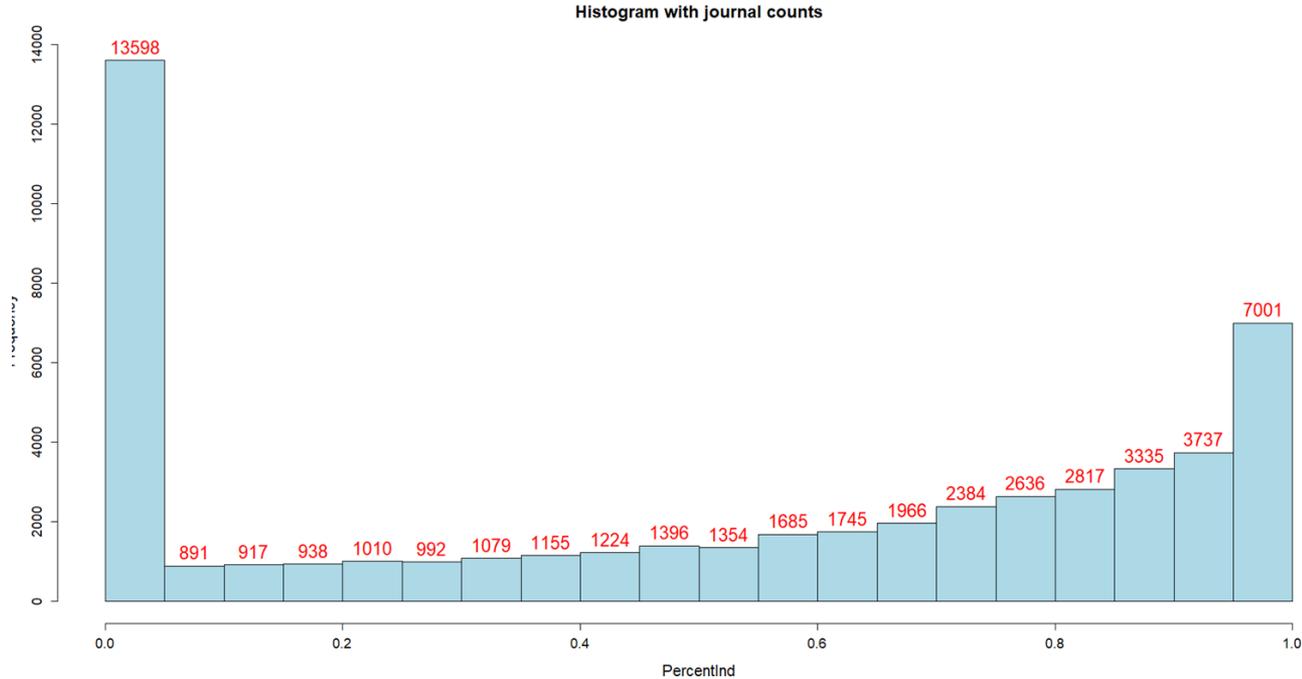

- journal-level data
- part of PKP-beacon
 - URL and ISSN,
 - Number of records
 - country and Region
 - OJS installation version
 - 87,171 records, 64,785 with ISSN

- article-level data
- from OAI-PMH API
 - Basic bibliographic metadata +
 - Abstracts, authors, article identifiers
 - 20,018,181 records

still a gap in indexing journal-level



still a gap in indexing article-level



we know because OJS serves as a publishing and metadata infrastructure

- How well indexed are JUOJS (quality)?
 - how complete it is?
 - what is the quality of the metadata?
- What and whose knowledge are we including by better indexing?
 - are we reducing biases and inequalities?
- ultimately, we want to know:
 - What can we do or build to improve indexing, especially of those previously excluded communities and domains?

OpenAlex will index all of OJS in 2026

PKP preparing a dataset for OpenAlex to ingest
no need for DOIs, no extra work required

made possible because OJS is infrastructure



COMET

The logo features the word "COMET" in a white, sans-serif font. Each letter is connected to the next by a series of horizontal bars. The bars are olive green for the "C", "O", "M", and "E", and yellow for the "T". A solid yellow circle is positioned at the end of the bars on the right side.

Collaborative Metadata

let's chat!

become a supporting
member!

