



# What is the publish-review-curate model of publishing?

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2 July 2025

# Traditional Publishing



# Publish-Review-Curate



Any research output:

PRC models generalize  
beyond articles,  
to data, code, more

# What does “publish” mean?

- Sharing a research output via a preprint server or other open repository
- Avoids duplication of effort, leveraging infrastructure from open archives
- Freely accessible and openly licensed, unique id (DOI), rich metadata, findable/indexed, preservation policy

# What does “review” mean?

- Openly available evaluations of the strengths and weaknesses of a research output
- Reviewer COIs declared and/or checked
- Reviewer identity disclosed and/or verified
- Freely accessible and openly licensed, unique id (DOI), rich metadata, findable/indexed, preservation policy, linked by relational metadata to the output being reviewed

# What does “curate” mean?

- Diverse and plentiful ways to curate, e.g.,
  - Building collections/lists
  - Quality evaluations
  - Summary editorial commentary
- Judgments can be binary (included or not), ordinal (star rating), or qualitative (narrative summaries).
- May involve metadata enrichment or other enhancement (e.g., badging), quality checking (e.g., certification)
- Research outputs can be **curated multiple times**, unlike journal articles.
- Freely accessible and openly licensed, findable/indexed, linked by relational metadata to the output being curated and any associated reviews

PRC implementations are  
diverse (by design).

Published outputs might, or  
might not, eventually be  
reviewed and curated.

# Decentralization Allows Interoperable Innovation

Preprint  
feedback  
initiatives



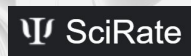
Comments on  
preprint servers



**MBoC Preprint Highlights**



Social media  
posts



PCI  
Peer Community in

*Minimalist or  
freeform*

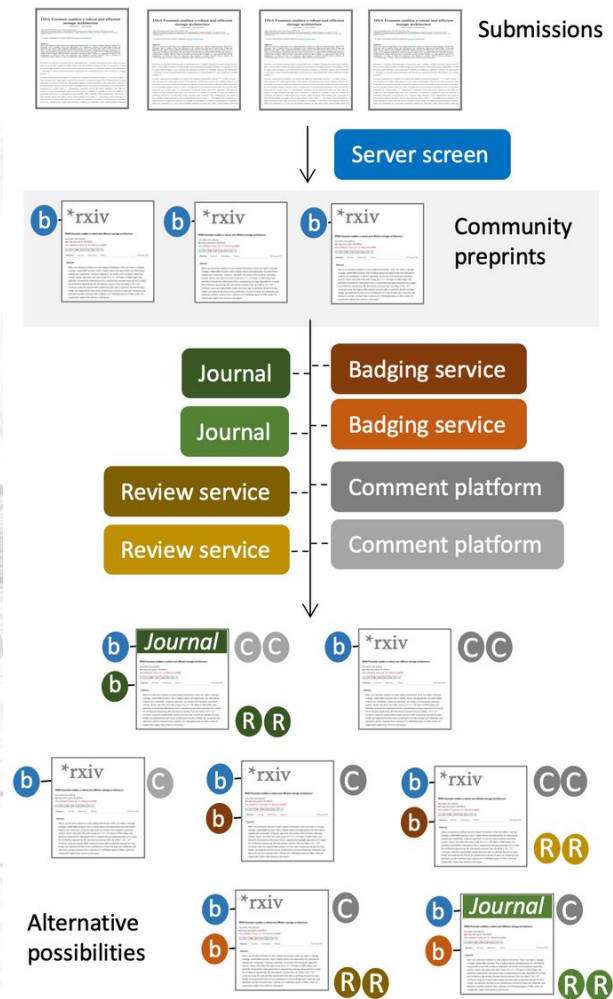
*Journal-like*

Over 35 platforms reviewing preprints

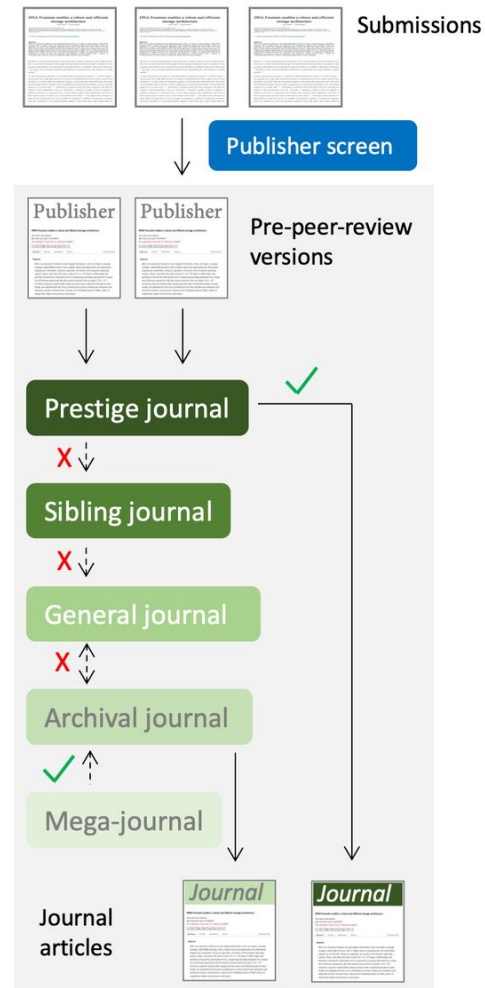


# The Future?

## a) Open ecosystem



## b) Publisher silo



# Thank You

Read: [Corker, Waltman, Coates \(2024\) - osf.io/h7swt](https://osf.io/h7swt)

Slides: <https://osf.io/p82tu>

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