

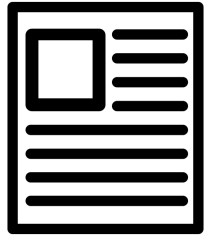


DATA POLICIES OF HIGHLY-RANKED social science journals

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DATA ON HARVARD DATAVERSE:

<https://doi.org/10.7910/>

DVN/CZYY1N



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- ▶ Journals should encourage data sharing
- ▶ Journals should use data policies to encourage sharing
- ▶ We should measure adoption rates and quality of data policies



► Journals should encourage data sharing

Journals should use data policies to encourage sharing

We should measure adoption rates and quality of data policies

- They can compel data sharing by requiring it for article publication
- They can ensure better connections between data and articles with
 - Standard data citations
 - Integrations between journal publishing systems and data repositories



Journals should encourage data sharing

▶ Journals should use data policies to encourage sharing

We should measure adoption rates and quality of data policies

- Policies signal to others if and how committed journals are to research transparency
- Easier for researchers and journal staff to follow codified data sharing practices



Journals should encourage data sharing

Journals should use data policies to encourage sharing

- ▶ We should measure adoption rates and quality of data policies
 - Indication of publishers' commitment to data transparency
 - Informs the support data repositories provide





WHICH JOURNALS?

50 highest-ranked journals in
Journal Citation Index



HOW TO MEASURE “QUALITY”*?

14 variables

**Did not consider adherence to policies*



A circular icon containing the number 1, with a background image of a bookshelf.

How are data policy adoption rates and quality different by discipline?

A circular icon containing the number 2, with a background image of a bookshelf.

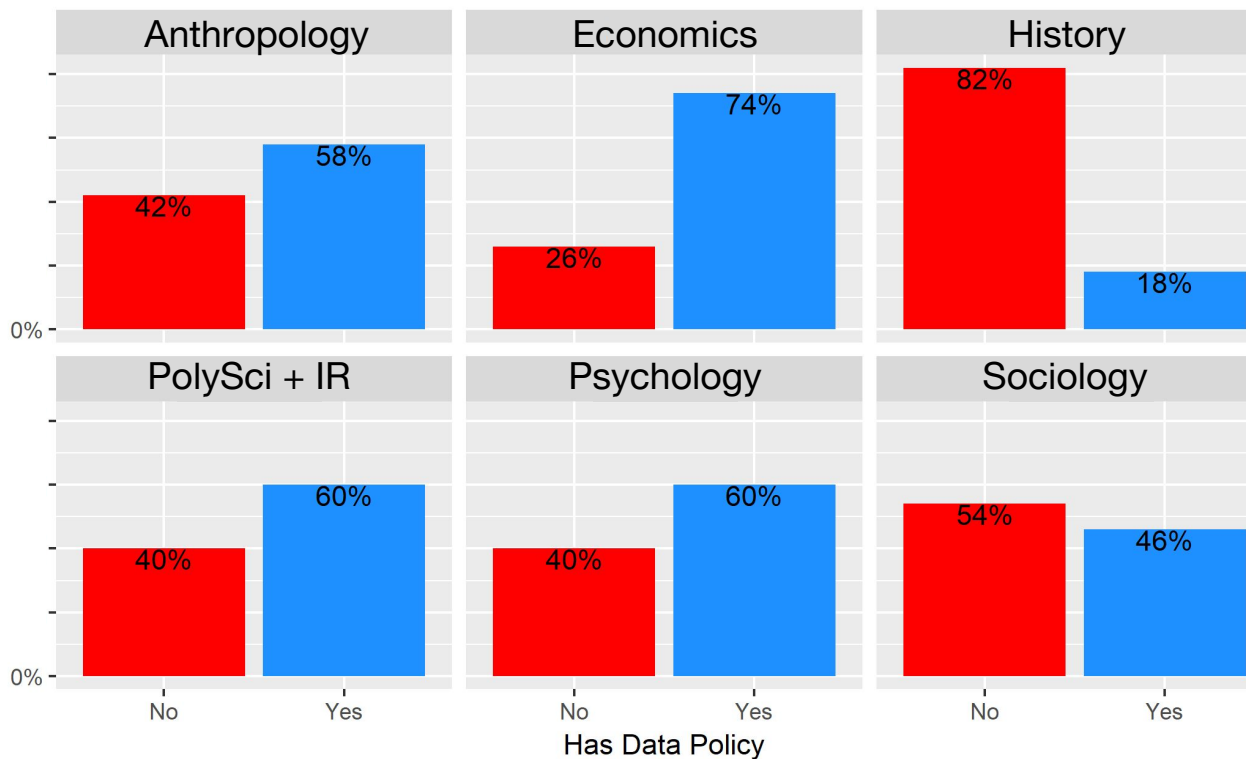
How do other journal characteristics, e.g. ranking and age, affect adoption rates and quality?



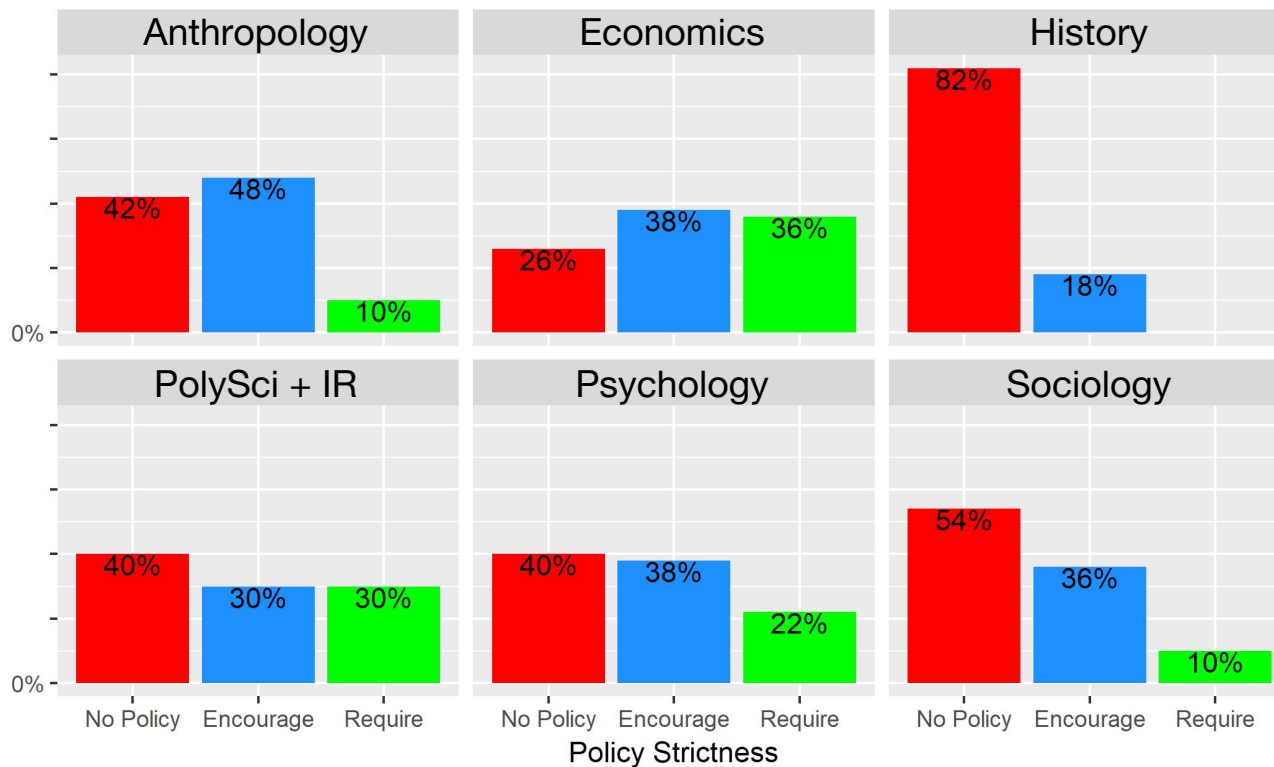
Journal:	Association between data policy:	
	Existence	Strictness
Rank	✓ - Moderate	✓ - Strong
Impact factor	✓ - Moderate	✗ - None
Age	✗ - None	✓ - Strong



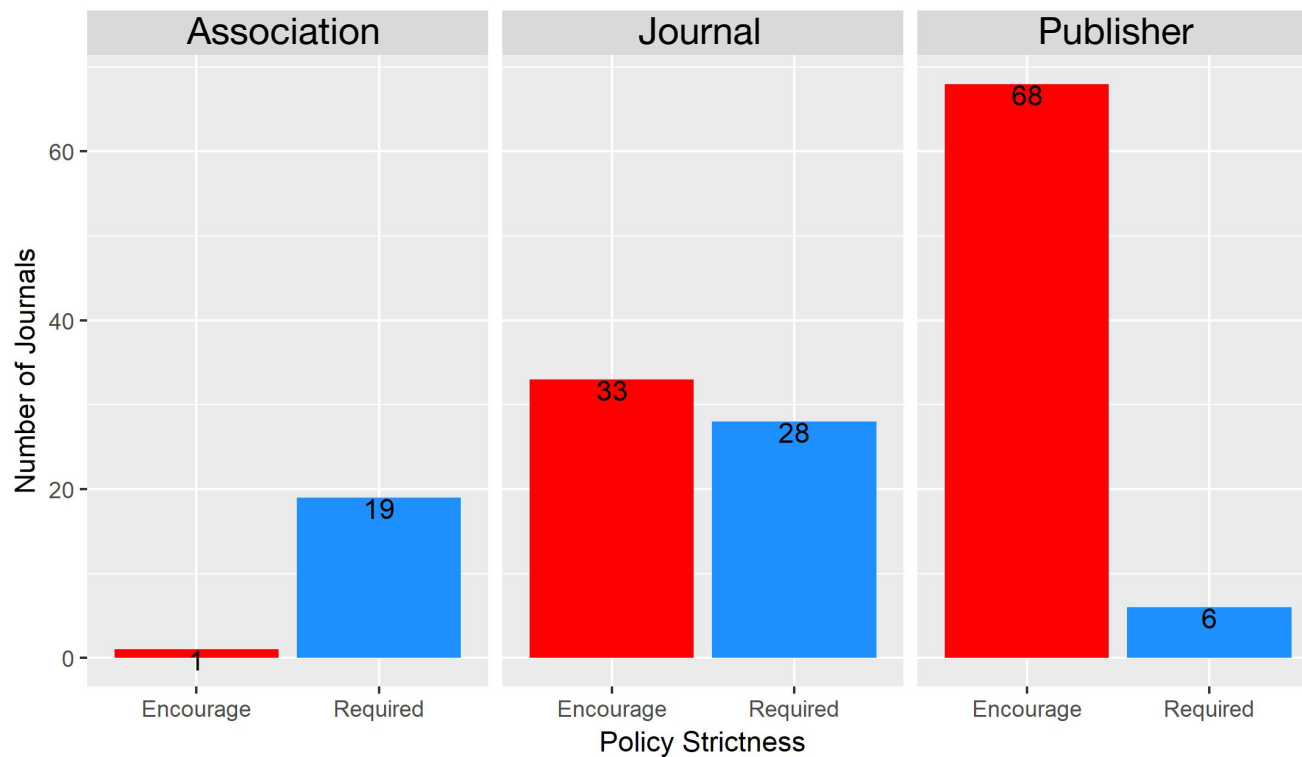
Percentage of Journals with Data Policy by Discipline



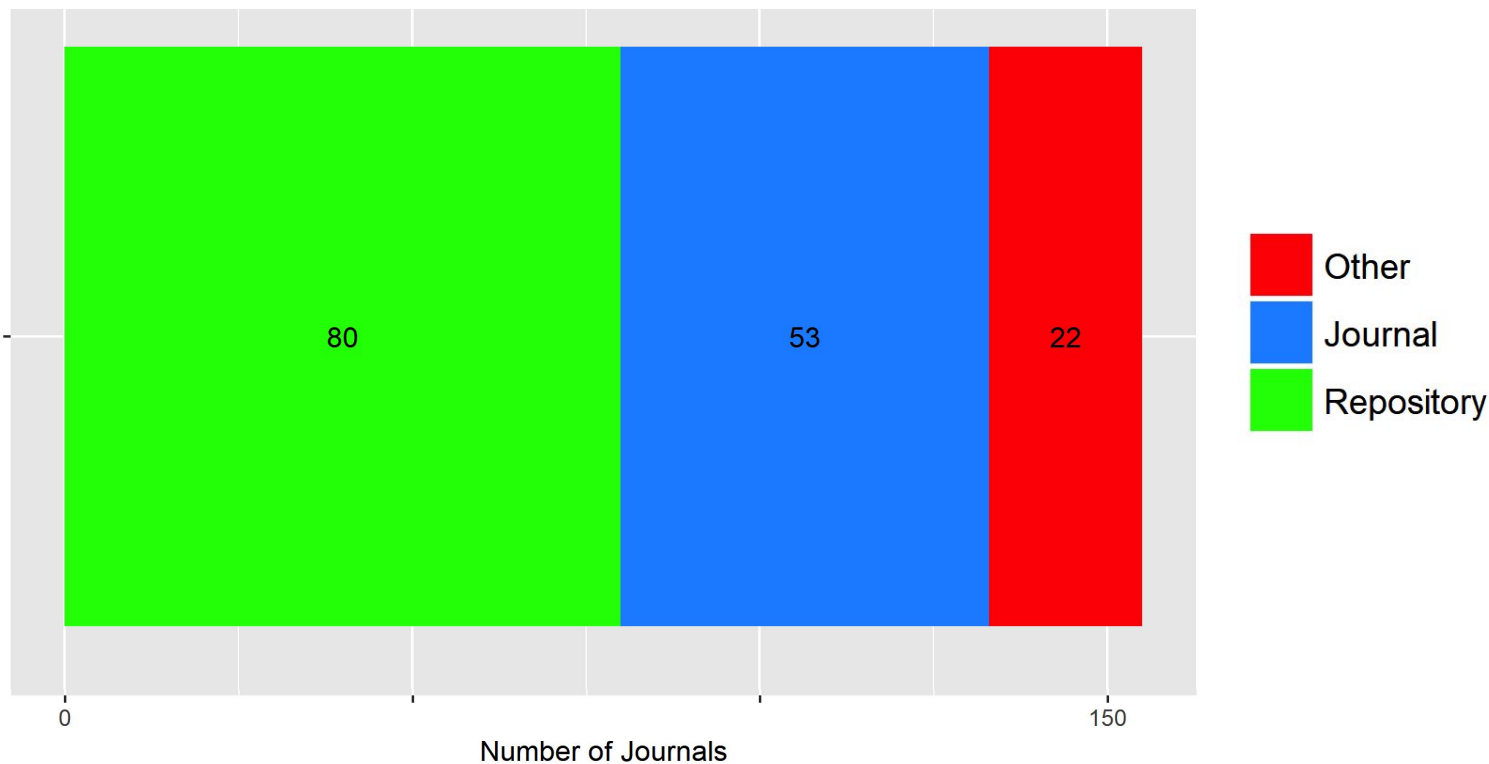
Percentage of Journals by Strictness of Data Policy



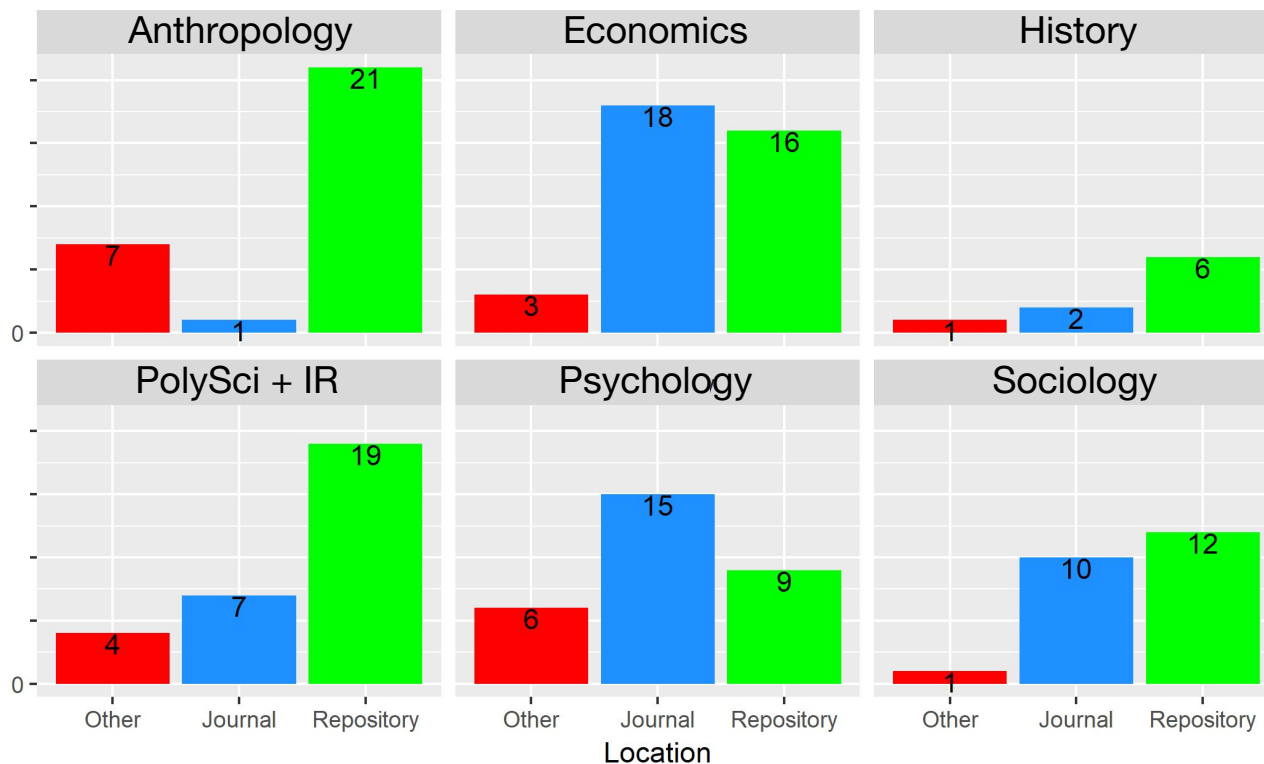
Strictness of Data Policy by Policy Source



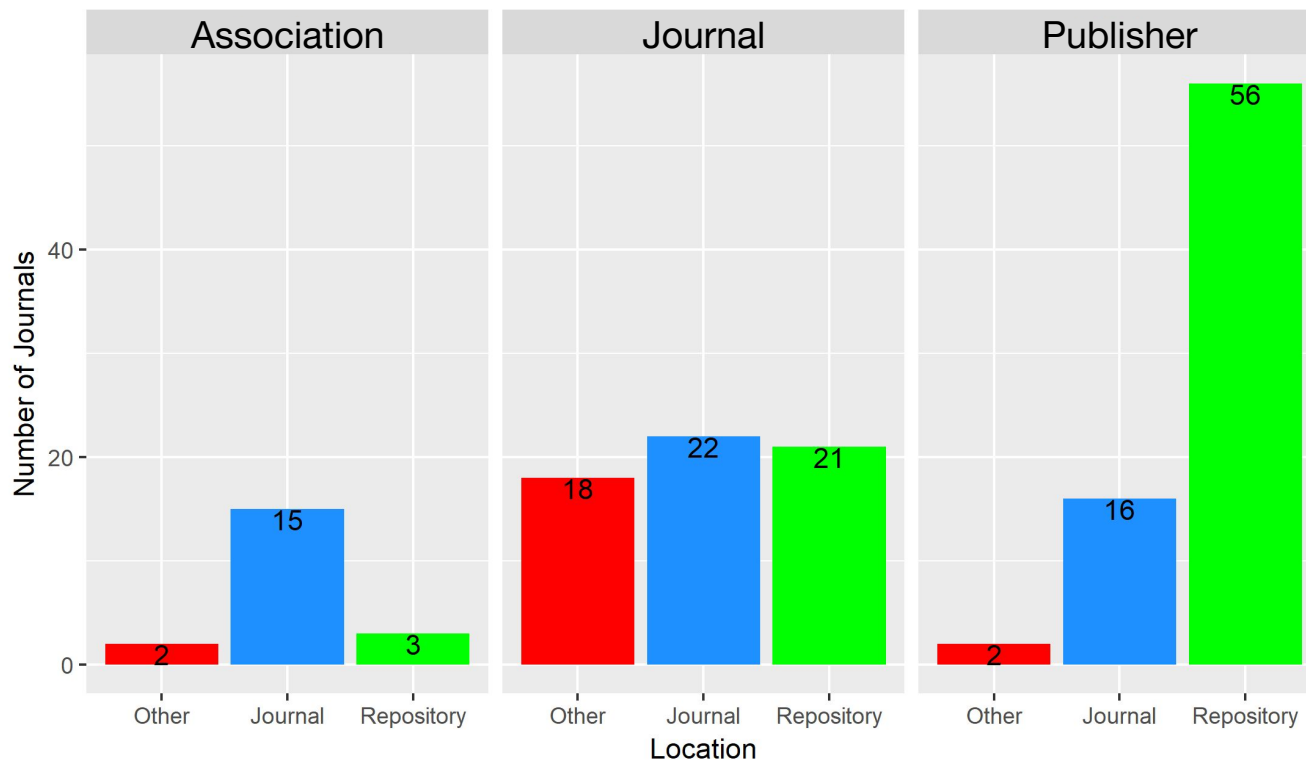
Recommended/Required Location of Data



Location of Data by Discipline



Location of Data by Policy Source



More social science journals are helping open research data



of journals in
all five studies:

102



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More social science journals are helping open research data

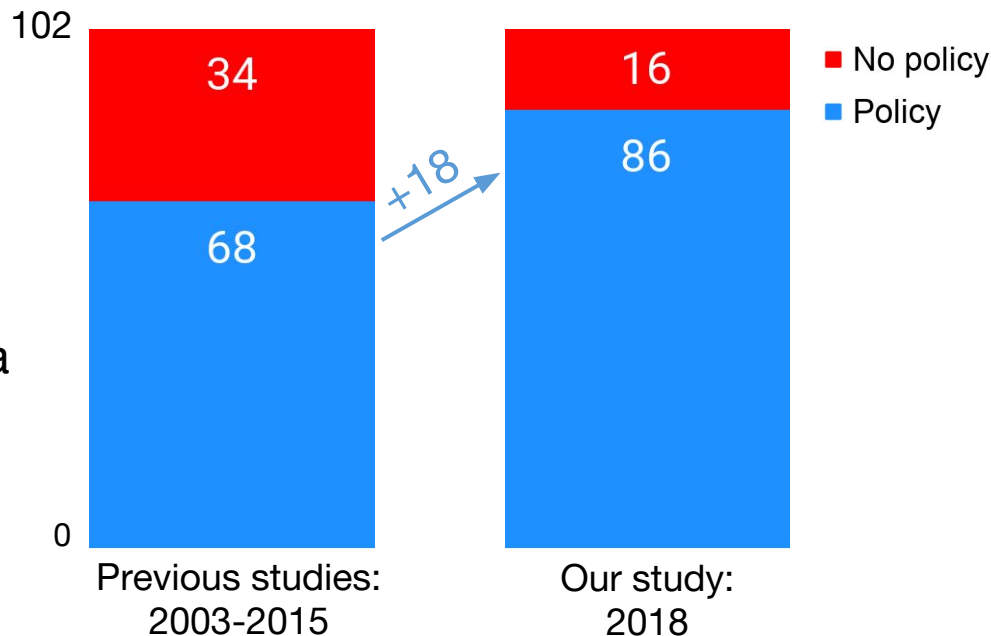


of journals in
all five studies:

102



18 more
journals
with data
policies



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Policies need clarification

More collaboration between journals, publishers and associations

Include benefits of data sharing

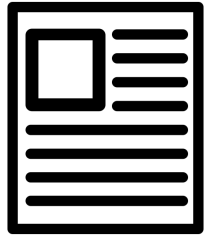
Include “data” and “dataset”

Don't interpret “data” as exclusively quantitative

WHY MUST YOU
MAKE EVERYTHING SO
COMPLICATED?



Thanks! Questions?



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