Research data is worth sharing
Taylor & Francis Data sharing policies

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Beyond Open Access…

• Opening up the whole research lifecycle – not just the final article

• Funder mandates

• Institutions – best practice and support

• Community initiatives – TOP Guidelines etc.

• Publisher/journal data sharing policies

• Multi-stakeholder initiatives – e.g. RDA, FORCE11 Data Citation Roadmap
What are research data?

Basically: *underlying research upon which the claims made in a publication rely*
Why share data?

- Improves the robustness of the research process
- Advances discovery and knowledge
- Credit
- Preservation
- Translation of research into practice
Data that cannot be shared

- Personally identifying
- Sensitive
- Would threaten protection of human subjects
- Subject to privacy concerns
- Not in a digital format
- IP reasons
## Our data sharing policies

<table>
<thead>
<tr>
<th>Level of data sharing</th>
<th>Data availability statement</th>
<th>Data citation</th>
<th>Persistent identifier for data</th>
<th>License applied to data set</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic</strong></td>
<td>Authors are encouraged to share or make open the data associated with the paper, where this does not violate the protection of human subjects or other valid privacy concerns.</td>
<td>Highly encouraged</td>
<td>Highly encouraged</td>
<td>Author’s choice</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>Share upon reasonable request</td>
<td>Publicly available</td>
<td>Open data</td>
<td>Open and fully FAIR</td>
</tr>
<tr>
<td></td>
<td>Authors publishing with the journal agree to make their data available upon reasonable request. It's up to the author to determine whether a request is reasonable.</td>
<td>Authors make their data freely available to the public, but under a license that limits re-use, or under unclear re-use conditions.</td>
<td>Authors must make their data freely available to the public, under a license allowing re-use by any third party for any lawful purpose. Data shall be findable and fully accessible.</td>
<td>Authors must make their data freely available to the public, under a license allowing re-use by any third party for any lawful purpose. Additionally, data shall meet with FAIR standards as established in the relevant subject area.</td>
</tr>
</tbody>
</table>
Understanding the basic data sharing policy

- Submitting your article to a Taylor & Francis, Routledge or Cogent OA journal
- A data set is associated with your paper

Guidance, developments, news and ideas for Taylor & Francis authors @tandfauthorserv tandfauthorservices authorserVICES.taylorandfrancis.com

Find out more at: bit.ly/datasHaringpolicies
Challenges and concerns
Support for researchers

Understanding Data Sharing Policy

Are you submitting your paper for publication? Do you have data that is directly supporting the published research? Authors are encouraged to share or make open the data supporting the results or analyses presented in their paper where this does not violate the protection of human subjects or other valid privacy or security concerns.

What is a data availability statement?

These statements provide information about the availability of the data sets supporting your published paper.

You can find template data availability statements in our template papers.

Where can I deposit data?

Authors are encouraged to deposit the dataset(s) in a recognized data repository that can mint a persistent digital identifier, preferably a digital object identifier (DOI) and recognize a long-term preservation plan. If you are uncertain about where to deposit your data, please see this information regarding repositories.

Authors are further encouraged to cite any data sets referenced in the article and provide a Data Availability Statement.

At the point of submission, you will be asked if there is a data set associated with the paper. If you reply yes, you will be asked to provide the DOI, pre-registered DOI, hyperlink, or other persistent identifier associated with the data set(s). If you have selected to provide a pre-registered DOI, please be prepared to share the reviewer URL associated with your data deposit, upon request by reviewers.

Where one or multiple data sets are associated with a manuscript, these are not formally peer reviewed as a part of the journal submission process. It is the author's responsibility to ensure the soundness of data. Any errors in the data rest solely with the producers of the data set(s).
Initiative for Open Citations (I4OC)

- A collaboration between publishers, researchers and organizations to promote access to data on citations that is structured, separable and open.
- “We believe that opening up and linking citation data, and enhancing the discoverability of content will improve knowledge, accelerate research and allow exciting new services to be developed for the benefit of all the players in the research network.” – Deborah Kahn, Publishing Director, Taylor & Francis

I4OC

Metadata 2020

- Metadata 2020 is a collaboration that advocates richer, connected, and reusable, open metadata for all research outputs, which will advance scholarly pursuits for the benefit of society.
- “Richer metadata should be a high priority for all publishers and stakeholders. It’s not an operational issue but a strategic priority, for the research community and also for increased visibility and usage of content.” – Ginny Hendricks, Outreach Director, Crossref
Open Science Badges

- From the Center for Open Science. Aim is to award authors contributing to scientific transparency and their efforts to make their research more open.
- “It is only after many studies conducted on the same question can be combined and evaluated in a meta-analysis that research becomes convincing. To make these meta-analyses studies more effective, we need to make it easier to conduct them by sharing data.” – Jon Grahe, Editor, Journal of Social Psychology

Code Ocean Trial

- A cloud-based computational reproducibility platform that provides researchers and developers an easy way to share, discover, and run code. Currently available on 25 Taylor & Francis journals.
- A compute capsule will get a DOI and be embedded within your article upon the manuscript’s publication, enabling readers to view and verify the article’s results. Code Ocean capsules can be freely edited, modified, or downloaded by readers for extension and reuse.
Thank you!

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