

Transnational STS Network - Publishing Working Group Meeting

Publishing Source Data: Why, What, Where, How?

January 22, 2021, 5 AM PST

Across scientific fields, there are increasing expectations that publications link to source data. This rarely happens in STS publishing. In the January 22th meeting of the Transnational STS Publishing working group, we will discuss why publishing source data could be valuable in STS publishing, what types of data could and should be published, the infrastructure needed, and questions about privacy, ownership, attribution and modes of reuse.

Recommended readings

Alberto Corsin Jimenez. "A Data Governance Framework for Ethnography"
European Association of Social Anthropologist Data Governance Statement
Taylor and Francis Data Sharing Policies
Wikipedia: Data Sharing
Credit (Contributor Role Taxonomy)

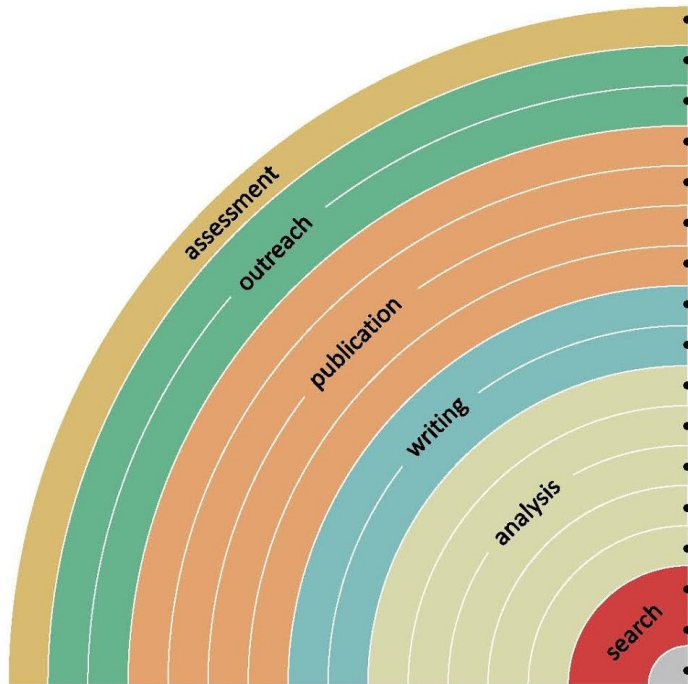
WHY STS RESEARCHERS SHOULD PUBLISH SOURCE DATA?

- rising expectations; credibility across fields
- enables hermeneutic extensiveness (more interpretation)
- create a data commons, allowing for more complex study designs, possibly countering/upsetting knowledge imperialism
- challenge and upends STS research as usual

CHALLENGES IN PUBLISHING SOURCE DATA?

- skill and imagination
- data sharing agreements
- metadata standards; ways to make discoverable
- repositories

You can make your workflow more open by ...



- adding alternative evaluation, e.g. with altmetrics
- communicating through social media, e.g. Twitter
- sharing posters & presentations, e.g. at FigShare
- using open licenses, e.g. CCO or CC-BY
- publishing open access, 'green' or 'gold'
- using open peer review, e.g. at journals or PubPeer
- sharing preprints, e.g. at OSF, arXiv or bioRxiv
- using actionable formats, e.g. with Jupyter or CoCalc
- open XML-drafting, e.g. at Overleaf or Authorea
- sharing protocols & workfl., e.g. at Protocols.io
- sharing notebooks, e.g. at OpenNotebookScience
- sharing code, e.g. at GitHub with GNU/MIT license
- sharing data, e.g. at Dryad, Zenodo or Dataverse
- pre-registering, e.g. at OSF or AsPredicted
- commenting openly, e.g. with Hypothes.is
- using shared reference libraries, e.g. with Zotero
- sharing (grant) proposals, e.g. at RIO



About Transnational STS Publishing Working Group

The aim of the Transnational STS Publishing Group is to strengthen the theory and practice of STS publishing through sustained dialogue and collaboration among STS editors and allies. The group brings together journal, book series, and blog editors, people developing new forms of STS publishing, and all interested in the design and politics of STS publishing. The group welcomes both experienced and emerging publishing practitioners. The group has built on discussions among STS journal editors at the 2018, 2019 and 2020 meetings of the Society for Social Studies of Science (see archived video [here](#)). The group holds quarterly video conference discussions addressing an array of questions. The Transnational STS Publishing Group is collaboratively convened by the Transnational STS Network and the Engaging Science, Technology and Society Editorial Collective.