

WS02: Creating Open Source Textbooks

Session leader(s): Lisa DeBruine (with members of the PsyTeachR team)

Day/Time: See [Live Schedule](#)

Abstract: One great way to contribute to open research is by creating your own open-source textbook. In this workshop, we'll introduce you to quarto, an open-source scientific and technical publishing system that you can use to create dynamic online textbooks. While quarto integrates very easily with R and python to create code-focussed textbooks, you can also use it to publish any type of text.

This workshop will use an in-development R package (<https://github.com/debruine/booktem>) to make setting up a textbook very straightforward. You will just need to install R, RStudio, and quarto on your machine (or use the free service [posit.cloud](#)) to participate, but need absolutely no other experience with R. By the end of the workshop, you will have the bones of a textbook, with chapters, appendices, and linked references. If you have a GitHub or GitLab account, you will also be able to put this online. Additionally, we will discuss getting credit for your textbook by registering a DOI with Zenodo and how to set up a textbook in languages other than English.

Prerequisite knowledge/expertise: Participants will just need to [install R, RStudio](#), and [quarto](#) on their machine (or use the free service [posit.cloud](#)) to participate, but need absolutely no other experience with R.

How will the session foster diversity & inclusion?: The ability to create your own open-source textbook should bring open research to more students, as well as foster diversity by making translations and non-English resources easier to develop.

OSF Project Page (SIPS2023 Workshops): <https://osf.io/64prb/>

[Slack Channel](#)

[Conference Website](#)

Code of Conduct