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Workshop Open Science Practices – Part 1 Wrap Up 20.06.2023

Wrap Up Overview

What we covered

- Power
- Data collection
- P-hacking
- Publication Bias
- Preregistration

What comes in second part of the workshop (stay tuned!)

- Open Access
- Open Data and Materials
- Reproducible Analyses
- More Exercises



Wrap Up

8 easy steps to increase your openness

- 1. Provide open data, material, and/or reproducible code (e.g., OSF/OPARA/ZPID)
 - For the next project: Change the consent forms in a way that open data would be possible for that project (see https://osf.io/mgwk8/wiki/Consent%20form%20templates%20for%20open%20data/)
 - For the next data analysis: Practice to create scripts for reproducible data analysis (e.g., SPSS syntax, R scripts). All analytic steps that lead from raw data to the final results should be reproducible.
 - Publish your first open data set: Ensure anonymity, provide a codebook. See here for details: http://econtent.hogrefe.com/doi/pdf/10.1026/0033-3042/a000341
- 2. Publish **preprints**
- 3. Preregister your studies
- 4. Use the **21 word solution** in your manuscripts
- 5. Include the **standard reviewer statement** for disclosure in your reviews
- 6. Do **power calcualtions** and well powered studies
- 7. Try to detect and avoid (or be transparent about) biases (e.g., forking path analysis)
- 8. Visit OSIP





Wrap Up

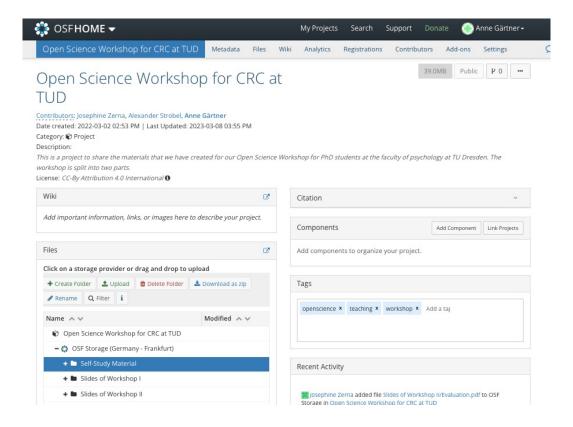
Open Science practices are like a **buffet**, you can take what you want – not all at once!

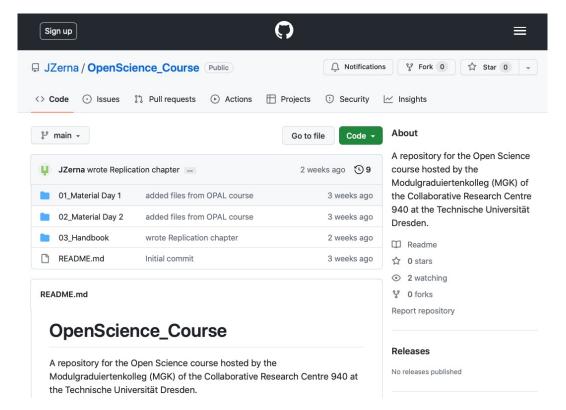






MGK Open Science Module Find all workshop material here





OSF

Github

Evaluation

https://redcap.link/os_eva1







Thank you!





Credentials

The creation of this workshop material was partially funded by the SFB 940.

Some slides of the workshop were taken or adapted from the Open Science Workshop Materials of the LMU Open Science Center: https://osf.io/zjrhu/wiki/home/



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