Alexander Strobel, Anne Gärtner, Christoph Scheffel
Faculty of Psychology

Workshop Open Science Practices
Part 2

Wrap Up

Wrap Up
Overview

What we covered today

– Open Access

– Open Data and Materials

– Reproducible Analyses

– Exercises

What we covered in the first part of the workshop

– Power

– Data collection

– P-hacking

– Publication Bias

– Preregistration

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Wrap Up
5 easy steps to increase your openness

1. Provide **open data, materials**, 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

   - Upload (stimulus) **material** that you create on an open repository

2. Publish **Open Access**

3. Publish **Preprints**

4. Try to write a **reproducible manuscript** (or a part of it, e.g. with Rmarkdown)

5. Visit **OSIP**

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Wrap Up

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

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Wrap Up
A final group discussion

- Form groups of 2-3

- 5 min. discussion on the question:

What are the **next steps** you could try to implement Open Science elemets in your **research**?

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Overview

Time	Topic
13:30 – 13:40	Welcome
13:40 – 14:10	Open Access (Anne)
14:10 – 14:50	Open Data and Materials (Anne)
14:50 – 15:10	Break
15:10 – 15:55	Reproducible Analyses (Alex + Christoph)
15:55 – 17:25	Practices (Alex + Christoph)
17:25 – 17:40	Group Discussion (Anne)
17:40 – 17:50	Wrap Up, Evaluation

OSF

Github

https://osf.io/djkm6/ | https://github.com/JZerna/OpenScience_Course
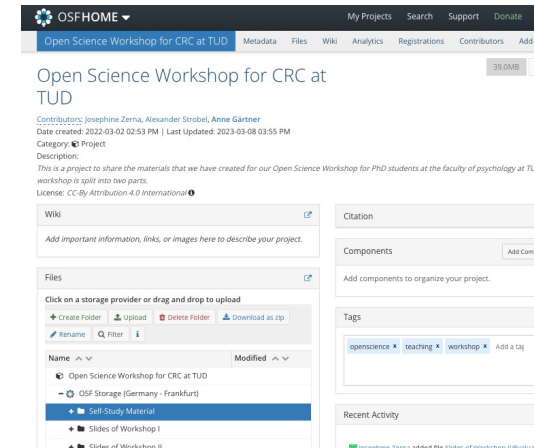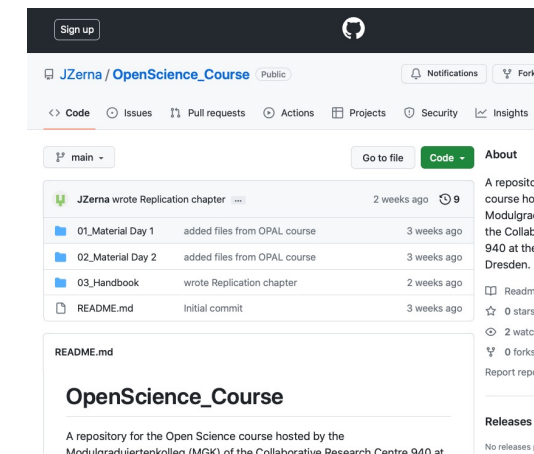
Evaluation

https://redcap.link/os_eva

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Thank you!

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