Reproducible Quantitative Data Science

Working toward a reproducible PhD

Aims for these two days

- Give you background information on reproducibility
- Make you think about your own practice and start bevelopping new good practices
- Introduce new generic tools

We are going to learn together and share experiences

Let's introduce to each other

- Name
- Your research area
- Fun fact, if you want

Teachers

Cyril Pernet - NRU,Rigshopitalet
NeuroImaging-NeuroInformatics

Melanie Ganz - DIKU+ NRU, RH
Medical imaging - NeuroImaging

Robert Oostenveld
Donders Inst, Radboud, NL
Karolinska Inst, SE
MEG and EEG methods

Rules of engagement
- you can stop us anytime to ask questions
- whenever a gray rectangle appears, an activity/answer is needed, often in small groups (2 or 3 people)
- group yourselves now for the rest of the morning

Question box

You …

Please head over to xxxxx and type a very short bio for yourself.

tiny_url

Material

https://github.com/CPernet/ReproducibleQuantitativeDataScience

pdf of slides will be published so you can access it all (but we want you to play along so you cannot see the answers to questions yet)
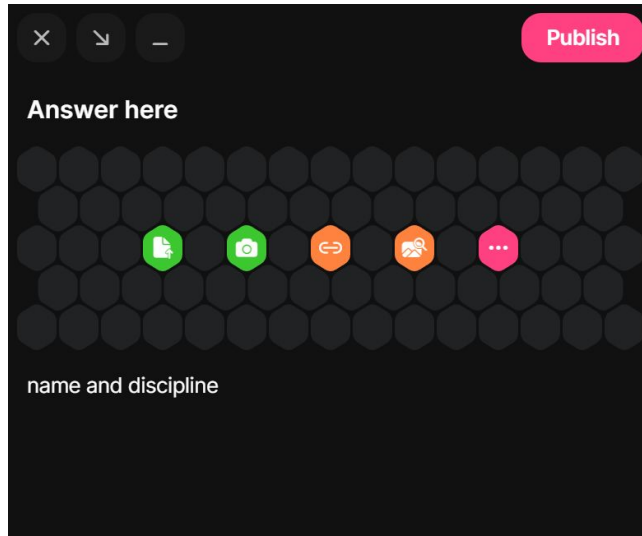
Material

https://github.com/melanieganz/ReproducibleQuantitativeDataScience-2025

pdf of slides will be published so you can access it all (but we want you to play along so you cannot see the answers to questions yet)

Ice breaker → xxxxx

What is your perception of reproducibility <u>in a few words</u>

Join xxxx and write your answer - you can also vote for each other answer

Teacher notes: use some platform for students to share (preferably allow anonymous input for those not feeling comfortable with that - also nothing is mandatory here)

Ice breaker → https://padlet.com/wamcyril/Reprod_short

What is your perception of reproducibility <u>in a few words</u>

Join the padlet and write your answer - you can also vote for each other answer