

Transparency and Data Management Workshop

3 December 2018

More and more academics are called upon to increase integrity in social science research. Is there a problem? If so what is it and why, and why should we care? This internal ECON workshop discusses key challenges related to research transparency, reproducibility and workflow. In addition, we will discuss the key tools that have been developed to help overcome these issues.

The idea of the workshop is to have an interactive discussion around these issues. In preparation for the workshop think about what challenges you see for yourself and those around you.

Looking forward to seeing you!

Please do get in touch if you have any questions.

Paul Hofman (paul.hofman@wur.nl) and Maarten Voors (maarten.voors@wur.nl)

date: 3 December 2018

time: 1230-1530

room: C67

Agenda

- 1230-1315 What is it? And why should we care? (Maarten)
- 1330-1400 Workflow Manual (Maarten)
- 1415-1530 Tools (Paul)

Resources

Workshop Github

https://github.com/hofmanpaul/wur_econ_transparency_workshop

Useful References

Organisations

- Open Science Framework <https://osf.io>
- Center for Open Science <https://cos.io/top>
- Berkeley Initiative for Transparency in the Social Sciences <https://www.bitss.org/>, <https://github.com/BITSS>
- <http://replication.uni-goettingen.de/>
- Center for Effective Global Action cega.berkeley.edu/
- Evidence in Governance and Politics <http://egap.org/>
- Project TIER <https://www.projecttier.org/>

Overview papers

- Christensen and Miguel (2018) Transparency, Reproducibility, and the Credibility of Economics Research, Journal of Economic Literature Vol. 56 No. 3 September 2018
- Miguel et al (2014) Promoting Transparency in Social Science Research. Science 03 Jan 2014:Vol. 343, Issue 6166, pp. 30-31DOI: 10.1126/science.1245317

How to guides

- Manual of Best Practices in Transparent Social Science Research - Garret Christensen Available here
- Code and Data for the Social Sciences: A Practitioner's Guide - Matthew Gentzkow and Jesse Shapiro. Available here
- How to improve your relationship with your future self - Jake Bowers and Maarten Voors. Available here

Coding style

- PEP8 – Style guide for python code – Guido van Rossum. Available here

Pre-Registration

- Pre-registration becoming norm in Psychological science (blog). Available here
- Nosek et al (2017). The Pre-Registration Revolution, PNAS. Available here
- Center for open science, including list of journals that support pre-registration. <https://cos.io/rr/>
- Medicine and Public Health: www.clinicaltrials.gov
- Economics: AEA registry: www.socialscienceregistry.org
- Political Science: EGAP Registry: <http://egap.org/content/registration>
- Development: 3IE Registry: <http://ridie.3ieimpact.org>
- Open Science Framework: <http://osf.io>

Papers on Bad conduct

- P-hacking in psychological science. Available here