



CBS
OPEN SCIENCE



MAX PLANCK INSTITUTE
FOR HUMAN COGNITIVE AND BRAIN SCIENCES

Dear fellow Scientist!

Are you...

- ? interested in OPEN SCIENCE, but haven't had opportunity to get deeper into it yet
- ? familiar with OPEN SCIENCE practices, but not completely convinced
- ? an excited OPEN SCIENCE ambassador, willing to share your experience with others

Regardless if you are skeptic or enthusiastic we cordially invite you to the second series of...

ReproducibiliTea Leipzig journal club!

We will discuss exciting papers, challenge ideas, learn our own ways through OS practices and have fun!



Time: every third Tuesday between 12–1 pm
(start: 09th of February)

Place: online

Interested? Please email us:
govaart/gugnowska@cbs.mpg.de
to join our mailing list, get an access link
and stay up to date!

We are
waiting for
you!



Every third Tuesday from 12–1pm, online

Organised by: Mariella Paul, Gisela Govaart, Katarzyna Gugnowska, Greta Häberle

	Theme	Article
Week 1 Feb 9	Open Science: Benefits for ECRs	Allen, C., & Mehler, D. M. (2019). Open science challenges, benefits and tips in early career and beyond. <i>PLoS biology</i> , 17(5), e3000246. https://doi.org/10.1371/journal.pbio.3000246
Week 2 March 2	Is Open Science Bropenscience?	Whitaker & Guest (2020). #bropenscience is broken science. https://thepsychologist.bps.org.uk/volume-33/november-2020/bropenscience-broken-science
Week 3 March 23	Preregistration: Exploratory Research	Dirnagl, U. (2020). Preregistration of exploratory research: Learning from the golden age of discovery. <i>PLoS biology</i> , 18(3), e3000690. https://doi.org/10.1371/journal.pbio.3000690
Week 4 April 13	Preregistration: A Critical Analysis	Navarro, D. (2020). Paths in strange spaces: A comment on preregistration. https://psyarxiv.com/wxn58
Week 5 May 4	Theory-building: The Role of Hypothesis Testing	Scheel, A. M., Tiokhin, L., Isager, P. M., & Lakens, D. (2020). Why hypothesis testers should spend less time testing hypotheses. <i>Perspectives on Psychological Science</i> , 1745691620966795. https://doi.org/10.1177/1745691620966795
Week 6 May 25	Theory-building: Finding Explanations	van Rooij, I., & Baggio, G. (2020). Theory before the test: How to build high-verisimilitude explanatory theories in psychological science. <i>Perspectives on Psychological Science</i> , 1745691620970604. https://doi.org/10.1177/1745691620970604
Week 7 June 15	Theory-building: Role of Replication	Nosek, B. A., & Errington, T. M. (2020). What is replication?. <i>PLoS biology</i> , 18(3), e3000691. https://doi.org/10.1371/journal.pbio.3000691 optional reading: https://www.nature.com/articles/d41586-020-02142-6?sf236176533=1
Week 8 July 6	Reproducibility: How Important is it?	Leonelli, S. (2018, October). Rethinking reproducibility as a criterion for research quality. In <i>Including a symposium on Mary Morgan: curiosity, imagination, and surprise</i> . Emerald Publishing Limited. http://philsci-archive.pitt.edu/14352/
Week 9 July 27	Methodological Reform: Statistical Rigour and Scientific Nuance	Devezer, B., Navarro, D. J., Vandekerckhove, J., & Buzbas, E. O. (2020). The case for formal methodology in scientific reform. <i>biorxiv</i> . https://doi.org/10.1101/2020.04.26.048306
Week 10 August 17	Research quality: Predicted by Journal Metrics?	Dougherty, M. R., & Horne, Z. (2019). Citation counts and journal impact factors do not capture research quality in the behavioral and brain sciences. https://psyarxiv.com/9g5wk/