

Anton Olsson-Collentine

PhD candidate, Tilburg Meta-Research Center
Department of Methodology and Statistics, Tilburg University
✉ anton@olssoncollentine.com 🌐 olssoncollentine.com | *Updated:* April 5, 2022

Education

- 2018 - present** **PhD candidate in Methodology and Statistics**
Tilburg University, the Netherlands
- 2018** **Msc. Social and Behavioral Sciences (Cum Laude)**
Tilburg University, the Netherlands
Specialization: Methodology and Statistics.
- 2016** **Bsc. Psychology**
The University of Gothenburg, Sweden

Academic appointments

- 2019 - present** **Statistical consultant ETZ hospitals**
Departmental liaison providing statistical consulting to medical researchers at the ETZ hospitals upon request by the ETZ research coordinator
- 2020 - 2022** **PhD representative Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)**
Among other things, activities consisted of attending IOPS board meetings, selecting reviewers for new IOPS proposals, and chairing the IOPS PhD student meeting.
- 2019** **Organizing committee Tilburg Meta-research Day 2019**
Member of the organizing committee of an 1-day meta-research conference at Tilburg University. Plenary speakers: John Ioannidis, Ana Marušić, and Sarah de Rijcke.

Publications

- 2021** Mulder, J., Williams, D. R., Gu, X., Tomarken, A., Böing-Messing, F., **Olsson-Collentine**, A., Meijerink-Bosman, M., Menke, J., van Aert, R., Fox, J.-P., Hoijtink, H., Rosseel, Y., Wagenmakers, E.-J., & van Lissa, C. (2021). BFPack: Flexible Bayes Factor Testing of Scientific Theories in R. *Journal of Statistical Software*, 100(18), 1–63. <https://doi.org/10.18637/jss.v100.i18>
- 2020** **Olsson-Collentine**, A., Wicherts, J. M., & van Assen, M. A. L. M. (2020). Heterogeneity in direct replications in psychology and its association with effect size. *Psychological Bulletin*, 146(10), 922–940. <https://doi.org/10.1037/bul0000294>
- 2020** Maassen E, van Assen MALM, Nuijten MB, **Olsson-Collentine** A, Wicherts JM (2020) Reproducibility of individual effect sizes in meta-analyses in psychology. *PLoS ONE* 15(5): e0233107. <https://doi.org/10.1371/journal.pone.0233107>
- 2019** **Olsson-Collentine**, A., van Assen, M. A. L. M., & Hartgerink, C. H. J. (2019). The Prevalence of Marginally Significant Results in Psychology Over Time. *Psychological Science*, 30(4), 576–586. <https://doi.org/10.1177/0956797619830326>
- 2019** Mulder, J. & **Olsson-Collentine**, A. (2019). Simple Bayesian testing of scientific expectations in linear regression models. *Behavior Research Methods*. <https://doi.org/10.3758/s13428-018-01196-9>
- Accepted** van Aert, R. C. M., Nuijten, M. B., **Olsson-Collentine**, A., Stoevenbelt, A. H., vandenAkker, O., & Wicherts, J. M. (2021). Comparing the prevalence of statistical reporting inconsistencies in COVID-19 preprints and matched controls: A Registered Report (Stage 1). *Royal Society Open Science*. Conditionally accepted
- Submitted** **Olsson-Collentine**, A., van Aert, R. C. M., Bakker, M., & Wicherts, J. M. (2021). Meta-analyzing the multiverse: A peek under the hood of selective reporting. [doi:10.31234/osf.io/43yae](https://doi.org/10.31234/osf.io/43yae)
- Submitted** van Assen, M. A. L. M., van den Akker, O. R., Augusteijn, H. E. M., Bakker, M., Nuijten, M. B., **Olsson-Collentine**, A., Stoevenbelt, A. H., Wicherts, J. M., & van Aert, R. C. M. (2021). The meta-plot: A graphical tool for interpreting the results of a meta-analysis.

Presentations

2021	Metascience 2021 conference "Meta-analyzing the multiverse: A peek under the hood of selective reporting"
2021	AIP LECCE 2021 conference "Confidence in hypothesis-testing with a multiverse of outcomes"
2020	IOPS winter conference 2020 "Meta-analyzing the multiverse: A peek under the hood of selective reporting"
2019	Platform for Young Meta-Scientists (PYMS) Tilburg, the Netherlands "Vague theory, unmotivated choices, and exaggerated conclusions"
2019	Open Science 2019 conference Trier, Germany "Heterogeneity in direct replications in psychology and its association with effect size"
2019	ICPS Paris conference Paris, France "Heterogeneity in direct replications in psychology and its association with effect size"
2018	EPP Meta-Analysis Symposium (invited talk) Heeze, the Netherlands "Heterogeneity and Publication bias"

Grants

2019	Research Synthesis PhD Travel Grant (200€) Travel grant to participate in the Research Synthesis 2019 conference
------	--

Teaching (tutorials)

2018	Test theory (psychometrics) Tilburg University, the Netherlands
2018	Introduction to statistics Tilburg University, the Netherlands
2017	Test theory (psychometrics) Tilburg University, the Netherlands

Supervision

Oct 2020 - Feb 2021	Supervisor Sep Hesselmanns Bachelor thesis: Construct validity in Registered Replication Reports
---------------------	--

Professional memberships

Society for Improvement of Psychology (SIPS)

Interuniversity Graduate School of Psychometrics and Sociometrics (IOPS)

Psychological Science Accelerator (PSA)

Society for Open, Reliable, and Transparent Ecology and Evolutionary biology (SORTEE)