

# Anton Olsson-Collentine

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*Updated:* February 19, 2024

## EDUCATION

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- 2018 - 2024**      **PhD 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 ACTIVITIES

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- 2019 - 2022**      **Statistical consultant ETZ hospitals**  
Departmental liaison providing statistical consulting to medical researchers at the ETZ hospitals in Tilburg
- 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.
- 2019**            **Organizer MTO code review**  
Organizer of bi-weekly code review seminars at the Methodology and Statistics department of Tilburg University.

## PUBLICATIONS

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- 2023 **Olsson-Collentine**, A., Bakker, M., & Wicherts, J. M. (2023, June 22). Unreliable Heterogeneity: How Measurement Error Obscures Heterogeneity in Meta-analyses in Psychology. PsyArXiv. <https://doi.org/10.31234/osf.io/jnb6e>
- 2023 **Olsson-Collentine**, A., van Aert, R. C. M., Bakker, M., & Wicherts, J. M. (2023). Meta-analyzing the multiverse: A peek under the hood of selective reporting. *Psychological Methods*. <https://doi.org/10.1037/met0000559>.
- 2023 van Aert, R. C. M., Nuijten, M. B., **Olsson-Collentine**, A., Stoevenbelt, A. H., vandenAkker, O., & Wicherts, J. M. (2023). Comparing the prevalence of statistical reporting inconsistencies in COVID-19 preprints and matched controls: A Registered Report. *Royal Society Open Science*. <https://doi.org/10.1098/rsos.202326>
- 2023 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. (2023). The meta-plot: A graphical tool for interpreting the results of a meta-analysis. *Zeitschrift für Psychologie*, 231(1), 65-78. <https://doi.org/10.1027/2151-2604/a000513>
- 2022 Suzanne Hoogeveen, Alexandra Sarafoglou, Balazs Aczel, Yonathan Aditya, Alexandra J. Alayan, Peter J. Allen, Sacha Altay, Shilaan Alzahawi, Yulmaida Amir, Francis-Vincent Anthony, Obed Kwame Appiah, Quentin D. Atkinson, Adam Baimel, Merve Balkaya-Ince, Michela Balsamo, Sachin Banker, František Bartoš, Mario Becerra, Bertrand Beffara, ..., Anton **Olsson-Collentine**, .... & Eric-Jan Wagenmakers (2022) A many-analysts approach to the relation between religiosity and well-being, *Religion, Brain & Behavior*, DOI: 10.1080/2153599X.2022.2070255
- 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>

## PRESENTATIONS

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- 2022**            **ICPS Brussels conference**  
Brussels, Belgium
- 2021**            **Metascience 2021 conference**  
Online
- 2021**            **AIP LECCE 2021 conference**  
Online
- 2020**            **IOPS winter conference 2020**  
Online
- 2019**            **Platform for Young Meta-Scientists (PYMS)**  
Tilburg, the Netherlands
- 2019**            **Open Science 2019 conference**  
Trier, Germany
- 2019**            **ICPS Paris conference**  
Paris, France
- 2018**            **EPP Meta-Analysis Symposium**  
Heeze, the Netherlands

## PEER REVIEWING

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- 2018 - present**    Royal Society Open Science  
Psychological Bulletin  
Psychological Methods  
Neuropsychology Review  
PLoS One  
Collabra: Psychology  
Zeitschrift für Psychologie  
Language Learning

## TEACHING (TUTORIALS)

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- 2022**            **Test theory (psychometrics)**  
Tilburg University, the Netherlands
- 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

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

## PROFESSIONAL MEMBERSHIPS

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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)  
Open Science Community Tilburg (OSCT)