

MAXIMILIAN LINDE

Unit: Psychometrics and Statistics
Department: Psychology
Faculty: Behavioural and Social Sciences
University of Groningen
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PERSONAL

Born on August 14, 1992, in Hameln, Germany

EDUCATION

- SEP 2019–NOW PhD in Statistics
University of Groningen, The Netherlands
- SEP 2017–AUG 2019 MSc in Behavioural and Cognitive Neurosciences (Cognitive Neurosciences and Modelling)
University of Groningen, The Netherlands
GPA: 8.5 (cum laude)
- SEP 2013–AUG 2016 BSc in Psychology
University of Groningen, The Netherlands
GPA: 9.2 (summa cum laude)
- SEP 2013–AUG 2014 Propedeutic Examination BSc in Psychology
University of Groningen, The Netherlands
GPA: 9.0 (summa cum laude)

EMPLOYMENT

- SEP 2019–NOW PhD in Statistics
University of Groningen, The Netherlands
- SEP 2018–AUG 2019 Student assistant
Statistical and methodological consultant
University of Groningen, The Netherlands

COMPUTER SKILLS

Programming R, Python, Matlab, SQL

Markup \LaTeX , Markdown, HTML, CSS

Statistical software JASP, SPSS, G*Power, JAGS, Stan

Research software E-Prime, OpenSesame, Psychtoolbox, BrainVision Analyzer, SPM

Other Unix Shell, Git(Hub), Shiny

TEACHING

- FEB 2021–JUL 2021 Statistics 3 (BSc)
Statistical consultation; grading reports
University of Groningen, The Netherlands
- SEP 2020–FEB 2021 Statistics 2 (BSc)
Practicals on how to conduct statistical analyses in JASP
University of Groningen, The Netherlands
- SEP 2020–NOV 2020 Advanced Statistics (MSc)
Practicals on how to program in R
University of Groningen, The Netherlands
- FEB 2020–JUL 2020 Research Practicum (BSc)
Practicals for a group of 6 students; grading reports
University of Groningen, The Netherlands
- FEB 2020–JUL 2020 Statistics 3 (BSc)
Statistical consultation; grading reports
University of Groningen, The Netherlands
- SEP 2019–NOV 2019 Cognitive Psychology (BSc)
Lectures/seminars for a group of 32 students; grading exams
University of Groningen, The Netherlands

WORKSHOPS

- OCT 2019 Bayesian hypothesis testing
One day workshop together with Dr. Don van Ravenzwaaij
Research School of Behavioural and Cognitive Neurosciences, University of Groningen, The Netherlands

PUBLICATIONS

- IN PRESS Linde, M., Tendeiro, J. N., Selker, R., Wagenmakers, E.-J., & van Ravenzwaaij, D. (2020). Decisions about equivalence: A comparison of TOST, HDI-ROPE, and the Bayes factor. Manuscript submitted for publication. Preprint available at <https://psyarxiv.com/bh8vu>
- SUBMITTED Linde, M., & van Ravenzwaaij, D. (2021). Bayes factor model comparisons across parameter values for mixed models. Manuscript submitted for publication. Preprint available at <https://psyarxiv.com/arwh6>

Field, S. M., Hoek, J. M., de Vries, Y. A., Linde, M., Pittelkow, M., Muradchanian, J., & van Ravenzwaaij, D. (2021). Rethinking Remdesivir for COVID-19: A Bayesian reanalysis of trial findings. Manuscript submitted for publication. Preprint available at <https://osf.io/preprints/metaarxiv/2kam7/>

Heck, D. W., Boehm, U., Böing-Messing, F., Bürkner, P., Derks, K., Dienes, Z., ... Hoijtink, H. (2020). A review of applications of the Bayes factor in psychological research. Manuscript submitted for publication. Preprint available at <https://psyarxiv.com/cu43g>

Linde, M., & van Ravenzwaaij, D. (2020). baymedr: An R package for the calculation of Bayes factors for equivalence, non-inferiority, and superiority designs. Manuscript submitted for publication. Preprint available at <https://arxiv.org/abs/1910.11616>

SOFTWARE

R PACKAGES Linde, M., & van Ravenzwaaij, D. (2021). baymedr: Computation of Bayes factors for common biomedical designs. R package version 0.1.1. Retrieved from <https://CRAN.R-project.org/package=baymedr>

SHINY APP A web application accompanying the R package baymedr. This app is not launched yet but all code is available at <https://github.com/maxlinde/baymedr.shiny.app>

CONFERENCES

DEC 2020 IOPS Winter Conference
online

DEC 2019 Replication Day Utrecht
Utrecht University

NOV 2019 Meta-Research Day Tilburg
Tilburg University

FURTHER EDUCATION

NOV 2020–DEC 2020 Statistical Consulting to Behavioral Scientists (IOPS)
University of Amsterdam & Leiden University (online)

OCT 2020–DEC 2020 Optimization and Numerical Methods (IOPS)
Catholic University Leuven (online)

OCT 2020–NOV 2020 Mathematical Statistics (IOPS)
University of Groningen (online)

SEP 2020 What is Psychometrics? (IOPS)
University of Amsterdam (online)

JUN 2020 Introduction to Bayesian Modeling (SMiP/IOPS)
Mannheim University (online)

JUN 2020 Advanced Topics in R (SMiP/IOPS)
Mannheim University (online)

JAN 2020 Statistical Learning (IOPS)
Leiden University