

# 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

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## 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)

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## 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

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## COMPUTER SKILLS

**Programming** R, Python, Matlab, SQL, C, C++

**Markup**  $\text{\LaTeX}$ , Markdown, HTML, CSS

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

**Other** Linux, bash, Git(Hub), Shiny

## TEACHING

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SEP 2021–FEB 2022	Statistics 2 (BSc) Practicals on how to conduct statistical analyses in JASP University of Groningen, The Netherlands
SEP 2021–NOV 2021	Advanced Statistics (MSc) Practicals on how to program in R University of Groningen, The Netherlands
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

## PRESENTATIONS & WORKSHOPS

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JUL 2021	baymedr: An R package for the calculation of Bayes factors for equivalence, non-inferiority, and superiority designs Presentation Conference of the International Society for Clinical Biostatistics
JUL 2021	Decisions about equivalence: A comparison of TOST, HDI-ROPE, and the Bayes factor Presentation Conference of the Society of Mathematical Psychology
OCT 2019	Bayesian hypothesis testing Workshop together with Dr. Don van Ravenzwaaij Research School of Behavioural and Cognitive Neurosciences, University of Groningen, The Netherlands

## PUBLICATIONS

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2021 Linde, M., & van Ravenzwaaij, D. (2021). Bayes factor model comparisons across parameter values for mixed models. *Computational Brain & Behavior*, <https://doi.org/10.1007/s42113-021-00117-y>

Field, S. M., Hoek, J. M., de Vries, Y. A., Linde, M., Pittelkow, M., Muradchianian, J., & van Ravenzwaaij, D. (2021). Rethinking Remdesivir for COVID-19: A Bayesian reanalysis of trial findings. *PLOS ONE*, *16*, e0255093.

IN PRESS Heck, D. W., Boehm, U., Böing-Messing, F., Bürkner, P., Derks, K., Dienes, Z., . . . , Hoijsink, H. (2021). A review of applications of the Bayes factor in psychological research. In press. Preprint available at <https://psyarxiv.com/cu43g>

Linde, M., Tendeiro, J. N., Selker, R., Wagenmakers, E.-J., & van Ravenzwaaij, D. (2021). Decisions about equivalence: A comparison of TOST, HDI-ROPE, and the Bayes factor. In press. Preprint available at <https://psyarxiv.com/bh8vu>

SUBMITTED Linde, M., & van Ravenzwaaij, D. (2021). 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

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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 available at <https://maxlinde.shinyapps.io/baymedr>

## CONFERENCES

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JUL 2021 International Society for Clinical Biostatistics  
online

JUL 2021 IOPS Summer Conference  
online

JUL 2021	Society of Mathematical Psychology online
DEC 2020	IOPS Winter Conference online
DEC 2019	Replication Day Utrecht Utrecht University
NOV 2019	Meta-Research Day Tilburg Tilburg University

## FURTHER EDUCATION

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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