

Thom Benjamin Volker

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EDUCATION

MSc Methodology and Statistics

Expected graduation: June 2022

Utrecht University

GPA: 9.0/10

- Thesis: Bayesian Evidence Synthesis using Bayes Factors - Combining evidence from studies with varying designs (supervised by [Prof. Dr. Irene Klugkist](#)).

MSc Sociology and Social Research

Expected graduation: June 2022

Utrecht University

GPA: 8.4/10

- Thesis: The effect of future reputation on cooperative behaviour (supervised by [Prof. Dr. Ir. Vincent Buskens](#) & [Prof. Dr. Werner Raub](#)).

BA Liberal Arts & Sciences

2016 - 2019

Utrecht University

- Major in Pedagogical Sciences
- Minor in Sociology and Social Research

EXPERIENCE

Internship MICE Group

2020 - Current

Utrecht University

- Under the supervision of [Dr. Gerko Vink](#) and [Prof. Dr. Stef van Buuren](#), I am working on a project on creating multiply imputed synthetic datasets to preserve the privacy of participants while allowing for the distribution of valuable information.

Research Assistant

2019 - Current

Utrecht University

- Research assistant for [Dr. Peter Lugtig](#): Worked on several research and teaching related topics, such as creating content for the research master level course 'Survey Data Analysis' including a [Shiny App](#), creating several data visualizations and creating the webpage <https://www.peterlugtig.com>.
- Research assistant for [Dr. Rebecca Kuiper](#): Worked on several data visualizations and revised academic papers.

Teaching assistant

2018 - Current

Utrecht University

- Thesis co-supervision:
 - Multiply imputed synthetic datasets - assessing validity of multiply imputed synthetic datasets with the R-package [mice](#) (Master's thesis, with [Dr. Gerko Vink](#)).
 - Comparing multiple methods of research synthesis (Bachelor's thesis, with [Prof. Dr. Irene Klugkist](#)).
- Post-graduate level courses:
 - Multiple Imputation in Practice (MIMP; Utrecht Summer School 2019-2021) - supervision of practicals and providing R assistance.
 - Statistical Programming with R (Utrecht Summer School 2021) - supervision of practicals.
 - Advanced Survey Design - supervision of practicals.
- Master's level courses:
 - Network Analysis (2020-2021) - developing practical assignments and supervising the practicals.
 - Methodological and Statistical Aspects of Social Science Research - teaching working groups of about 20 persons on topics ranging from multiple regression to moderation and mediation analysis.
- Bachelor's level courses:
 - Theory Construction and Statistical Modeling - teaching practicals on structural equation modeling using [lavaan](#).
 - Various undergraduate courses on standard statistical methods.

Statistical software proficiency

- R
- MPlus
- SPSS
- HLM
- JAGS
- Learning python
- Learning C++