

# Thom Benjamin Volker

Utrecht, The Netherlands

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 [GitHub](#)

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## EDUCATION

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### 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: 8.5/10

- 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

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### 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.

### ASReview

2021 - Current

*Utrecht University*

- Researcher at [ASReview](#) - an open-source project that helps researchers to screen (tens of) thousands of papers automatically for inclusion in systematic reviews, meta-analyses, medical guidelines, or overviews.

### 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.

## Other

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### Debuut

**2019 - 2020**

*Utrecht University*

- Buddy programme at Utrecht University to match potential first generation university student with actual students to get a flavour of what studying at a university entails.

## Statistical software proficiency

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