# Thom Benjamin Volker

Utrecht, The Netherlands

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**○** GitHub

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in LinkedIn

# **EDUCATION**

### MSc Methodology and Statistics

Utrecht University

Expected graduation: June 2022 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
- o 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.
- o 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.
- o Bachelor's level courses:
  - Theory Construction and Statistical Modeling teaching practicals on structural equation modeling using
  - Various undergraduate courses on standard statistical methods.

# Statistical software proficiency

- o R
- o MPlus
- o SPSS
- o HLM
- o JAGS
- Learning pythonLearning C++