

Thom Benjamin Volker

Utrecht, The Netherlands

 [thomvolker.github.io](https://github.com/thomvolker)

 t.b.volker@uu.nl

 [GitHub](#)

 [Twitter](#)

 [LinkedIn](#)

EDUCATION

MSc Methodology and Statistics

2019 - 2022

Utrecht University, Netherlands

Cum laude (GPA 8.9/10)

- Thesis - Combining support for hypotheses over heterogeneous studies with Bayesian Evidence Synthesis: A simulation study (supervised by [Prof. Dr. Irene Klugkist](#)).

MSc Sociology and Social Research

2019 - 2022

Utrecht University, Netherlands

Cum laude (GPA 8.7/10)

- Thesis - The future is made today: Concerns for reputation foster trust and cooperation (supervised by [Prof. Dr. Ir. Vincent Buskens](#) & [Prof. Dr. Werner Raub](#)).

BA Liberal Arts & Sciences

2016 - 2019

Utrecht University, Netherlands

- Major in Pedagogical Sciences; minor in Sociology and Social Research

EXPERIENCE

PhD candidate Synthetic data

2020 - Current

Utrecht University

- Supervisor: Dr. Erik-Jan van Kesteren
- I investigate how to optimize the creation of synthetic data in terms of the risk-utility trade-off.

Internship MICE Group

2020 - 2022

Utrecht University

- With [Dr. Gerko Vink](#) I established a framework on how to generate synthetic data with the R-package `mice` to preserve privacy and confidentiality.

Research Assistant

2019 - 2022

Utrecht University

- For [Dr. Peter Lugtig](#), I worked on research and teaching related topics, (e.g., creating content for the research master level course 'Survey Data Analysis', by developing a [Shiny App](#), creating data visualizations and creating the webpage <https://www.peterlugtig.com>).
- For [Dr. Rebecca Kuiper](#), I created data visualizations and assisted PhD students by revising text.

Teaching assistant

2018 - 2022

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: