Thom Benjamin Volker

Utrecht, The Netherlands

🌐 thomvolker.github.io   ✉ t.b.volker@uu.nl   ○ GitHub   🐦 Twitter   in LinkedIn

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++`