Thom Benjamin Volker

Utrecht, The Netherlands

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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: 8.5/10*

- 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

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

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

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

Publications

Volker, T. B., & Vink, G. (2021). Anonymiced shareable data: Using mice to create and analyze multiply imputed synthetic datasets. *Psych*, *3*(4), 703–716. doi: 10.3390/psych3040045