



## Pepijn A. Vink

MSc Student Methodology and Statistics

## Interests

- ▶ Bayesian Statistics
- ▶ Longitudinal Data
- ▶ Bayesian Networks
- ▶ Open Science

## Skills

**R**  
Advanced

**Quarto**  
Intermediate

**LaTeX**  
Intermediate

**R Package Development**  
Intermediate

**GitHub**  
Intermediate

**SPSS**  
Proficient

**JASP**  
Intermediate

**MPlus**  
Intermediate

**JAGS**  
Novice

**Teaching**  
Intermediate

## Education

**MSc Methodology and Statistics for the Behavioral, Biomedical, and Social Sciences (Research)**  
Utrecht University

Sept 2022 - Present

- Courses on survey data, mathematical statistics, Bayesian statistics, multilevel models, psychometrics, causal inference, and structural equation modeling.
- Thesis on implementation of causal inference methods in the Random Intercept Cross-Lagged Panel Model (supervised by prof. dr. Ellen Hamaker and Jeroen Mulder).
- Traineeship on Bayesian algorithms for structure learning of Bayesian networks (supervised by dr. Maarten Marsman and dr. Noémi Schuurman).

**BSc Psychology**

Utrecht University

Sept 2019 - July 2022

- Specialization in Social Psychology. Average grade: 7.8.
- Thesis: Frequentism vs Bayesianism: A Conceptual and Quantitative Comparison of NHST, Confidence Intervals, Credible Intervals, and the Bayes Factor Through Simulated t-tests (supervised by prof. dr. Irene Klugkist and Thijs Carrière). Grade: 8.5.

**VWO**

Christelijk Lyceum Zeist

2010 - 2016

- Specialized in natural sciences. Followed the bilingual education programme.

## Experience

**Student Assistant Biostatistics Education**  
UMC Utrecht

Sept 2023 - Present

- I taught practicals for the courses 'Classical Methods in Data Analysis' (MSc Epidemiology) and 'Epidemiology and Big Data' (MSc Applied Data Science).

**Student Assistant**  
Utrecht University

Sept 2021 - Present

- Teaching assistant for several bachelor courses for the faculty of social and behavioral sciences. I independently taught workgroups as well as practicals for SPSS, JASP, R, and NVivo.
- I taught practicals for UU summer school courses on structural equation modeling and longitudinal data analysis in MPlus.
- Since September 2022 involved as a research assistant for Hanne Oberman. Tasks include programming for the ggmice package, preprocessing data, and working on a case study for a manuscript.
- Since November 2022 involved as a research assistant on the biennial Open Science Monitor.

# Contact

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- pepijnvink.github.io
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- 0000-0001-6960-9904

**Various side-jobs**  
Zeist/Utrecht/Amersfoort

2014-2019

- Supermarkt Employee (2014-2016)
- Dishwasher at a restaurant (2016-2019)
- Sales employee at a shoe store (2019)

## Extracurricular and Volunteering

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**Vice-President**  
U.H.S.V. Anteros

Sept 2019 - Sept 2020

- U.H.S.V. Anteros is an LGBT+ Student Association in Utrecht.
- As Vice-President, I was mainly involved with maintaining relationships with other associations, occasionally chairing meetings, and supervising some committees, as well as other smaller tasks.

**Member and Committee Member**  
U.H.S.V. Anteros

Jan 2018 - Present

- Committees include: travel committee, lustrum committee, themed drinks committee, party committee, internal regulations committee, and the selection committee for choosing the new board.

**Educator**  
COC Midden-Nederland

May 2020 - May 2022

- COC Midden-Nederland is a regional organization that advocates for LGBTI+ rights.
- As an educator, I taught guest lessons at high school on LGBTI+ experiences.

## Conferences

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**Panel**

Conference for the International Scholarship of Teaching and Learning (ISOTL)

9 Nov 2023

- Panel member on the keynote panel about the role of open science in teaching in higher education.