

Hidde van de Beek

+316 36499144 hiddevdbeek@icloud.com

Work

PhD Pharmacometrics and Statistics (2024-2028)

Leiden University – Leiden Academic Centre for Drug Research (LACDR)

- Here I work on contemporary techniques for the analysis of pharmacokinetic and pharmacodynamics.
- Language: English

Teaching Assistant (2021-2024)

Utrecht University and University Medical Centre Utrecht

For the past few years, I've taught all statistics courses (beginner to advanced) for the bachelor's degrees of the Faculty of Social Sciences. This year I started teaching statistics for the Bachelor Biomedical Sciences and the Master Epidemiology.

Education

MSc Methodology and Statistics for the Behavioural, Biomedical and Social Sciences (2022-2024)

Utrecht University

- Modules include: Biomedical Statistics, Computational Inference with R, Bayesian Statistics, Multilevel Modelling, Causal Inference, Structural Equation Modelling.
- Language: English

BSc Psychology (2018-2022)

Utrecht University

- Minor: Methodology & Statistics and Artificial Intelligence
- Modules include: Mathematics for AI, Missing Data Theory and Causal Effects, Structural Equation Modelling, Adaptive systems, Cognition.
- Language: English/Dutch

Gymnasium - Preparatory Scientific Education (2012-2017)

Utrechts Stedelijk Gymnasium

- Main program: Natural Sciences (Physics, Chemistry, Biology, Math)
- Honourable participation in the National Physics Olympiad
- Language: Dutch

Research Experience

Master's Project:

I worked on my thesis at the University Medical Centre Utrecht (UMC). The main topic was comparing the predictive performance of Information Criteria and Internal Validation Techniques of medical prediction models in various simulated contexts.

- This is done under supervision of field specialist Dr. Maarten van Smeden and Dr. Anne de Hond.
- We want to publish in Wiley's Statistics in Medicine
- Rewarded an 8/10

Bachelor's Project:

My bachelor thesis was called "The difference in populational statistics and physical activity of consumer grade fitness tracker owners: an explorative study into the usability for physical activity monitoring".

- It was a follow up study of my supervisor Dr. Vera Toepoel, where we worked together with the Central Bureau of Statistics Netherlands (CBS).
- Rewarded an 8/10.

Additional Experience

Rower - Student athlete (2018-2024)

U.S.R. "Triton" and A.S.R "Nereus"

Training 10-12 times a week at high performance centres in Utrecht and at the Bosbaan in Amsterdam. Here I have a "Regional Talent" status. Furthermore, I competed in several National Championships and prestigious regattas such as Henley Royal Regatta in the Temple 8+. This year, 2024, I want to start the World University Championships in the 8+ at the Willem Alexander Baan (Rotterdam, the Netherlands). Combining my full-time study with training at a high level has been a constant process of struggle, failing, learning, and success, which has been most valuable to me.