

Hyde van de Beek

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Education

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

Utrecht University

- Expected with Honours
- 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

Research Experience

Master's Project:

I'm currently writing my thesis at the University Medical Centre Utrecht (UMC). The main topic is 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

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

Teaching Assistant (2021-now)

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.

Rower - Student athlete (2018-now)

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.