



Roel Huijskens

Recently graduated research master student with a strong interest in programming, statistics, and machine learning.

- 21-11-1996
- The Hague, Ypenburg
- Available upon request
- <https://roelhuijskens.github.io>
- roelh@hotmail.com

Social Network

- LinkedIn [\[Link\]](#)
- Github Project Page [\[Link\]](#)

Languages

- Dutch
- English
- French
- German

Hobbies

- Running
- Programming
- Cooking

Courses

- Machine Learning [\[Link\]](#)
Coursera (Stanford University)
- Python Programmer [\[Link\]](#)
Datacamp

[Klik hier voor Nederlandse versie]

Education

- 2018 – 2020 **MSc. Methodology and Statistics (Cum Laude)** Utrecht University
Courses: R-programming; Mathematical Statistics; Multivariate Statistics; Bayesian Statistics; Survey Research; Multilevel modelling; Structural Equation Modelling; Biomedical Statistics.
Completed the EMOS program (European Master of Official Statistics) at Statistics Netherlands.
Master Thesis Statistics Netherlands (CBS)
Title: Correcting Selectivity of Non-probability Samples by Means of Sample Matching.
- 2015 – 2018 **BSc. Psychology** VU Amsterdam
Relevant Courses: Applied Statistics; R-programming; Psychometrics; Biostatistics; Behavioral Genetics.
Bachelor Thesis Vu Biological Psychology Department
Thesis Title: Power Analysis of Detecting G-E Correlation using the Classical Twin Model Extended with Polygenic Scores.
Awarded best bachelor thesis of the psychology program (2018).
[\[Link\]](#)

Working Experience

- 2019 – 2020 **Project Intern** Statistics Netherlands (CBS)
Investigating the performance of several matching/machine learning techniques to allow for estimation of population parameters using non-probability samples (e.g. Big Data/Register Data).
- 2015 – 2018 **Kitchen Staff** Several Locations
Gained experience to work in teams often during the demanding summer period.

Publications

- 2019 **[Pre-print] Incorporating polygenic scores in the twin model to estimate genotype-environment covariance: exploration of statistical power** [\[Link\]](#)
C.V. Dolan, R.C.A. Huijskens, C.C. Minică, M.C. Neale, D.I. Boomsma
bioRxiv

Skills

- Programming
- Bayesian Statistics
- Machine Learning
- Survey Data Analysis
- Multivariate Statistics
- Academic Writing

Software

- R
- Python
- SPSS

Other

- Tidyverse
- HTML
- JAGS
- R-Studio
- Latex
- CSS
- HLM
- MPLUS