

Academic appointments

Utrecht University <i>PhD candidate</i> <i>Dissertation title:</i> The latest update on Bayesian informative hypothesis testing. <i>Supervisors</i> Prof. Dr. H. Hoijtink and Prof. Dr. I. Klugkist. Date of defense: January 10, 2020.	Utrecht 2015–2019
Utrecht University <i>Student assistant</i> Several student jobs, including, but not limited to: assisting in research (data collection; conducting interviews; reporting results) and managing the website and other social media of the department	Utrecht 2014–2015
CITO <i>Intern and Student assistant</i> Developing an R program to evaluate scores from an adaptive test	Arnhem 2014

Work experience

Milieucentrum Utrecht <i>Web-editor</i> Writing news articles about sustainability, climate change and the environment, focused on local projects in the Utrecht area.	Utrecht 2020
Various high school tutoring organisations <i>Tutor</i> One on one tutoring of high school students in Mathematics, Latin, Ancient Greek, Dutch and English	2008–2014
City of Amsterdam <i>Intern</i> Assisting in the Armoedebeleid (Poverty Reduction Policy) of the City of Amsterdam	Amsterdam 2013
Anglia Network Europe / MarocEd <i>Intern</i> Assisting in the establishment of MarocEd, by forming a network of directors of primary, secondary, vocational and language schools. Developing and co-teaching a teacher training course for young English teachers in Casablanca.	Casablanca, Morocco 2011–2012
VoorleesExpress <i>Voorlezer (reading stories to children)</i> Reading books to two children in an immigrant family, to benefit language development.	Amsterdam 2011

Education

Utrecht University <i>PhD</i> <i>Dissertation title:</i> The latest update on Bayesian informative hypothesis testing. <i>Supervisors</i> Prof. Dr. H. Hoijtink and Prof. Dr. I. Klugkist. Date of defense: January 10, 2020.	Utrecht 2015–2019
Utrecht University <i>MSc., Cum Laude</i> Methodology and Statistics for the Behavioural, Biomedical, and Social Sciences Elective courses: Introduction to educational neuroscience and Theories in learning.	Utrecht 2013–2015
Amsterdam University College <i>BA, Honours Cum laude</i>	Amsterdam 2010–2013

Liberal Arts and Sciences. Tracks: Psychology, Sociology, Educational sciences.
September 2012–January 2013: Semester abroad at Katholieke Universiteit Leuven.

Bonhoeffer College

Gymnasium, GPA – 8.6, Cum Laude

Winner of the 2009 International Mathematics A-lympiade (competition in mathematics).

Castricum

2004–2010

Professional development

IOPS certificate

2019

Statistical Consulting to Behavioral Scientists (2019)

Statistical Learning (2018)

Generalized latent variable modeling (2017)

Meta-Analysis (2016)

What is Psychometrics (2016)

Optimization and numerical methods (2015)

Workshops

2015–2018

Research Funding Days (2018) *Utrecht University*

Planning your future career (2018) *Utrecht University*

Basic Teaching Qualification, Sub-trajectory Teaching (2016) *Utrecht University*

Academic writing in English (2016) *Babel, Utrecht*

How to create societal impact with your research? (2016) *Utrecht University*

Research integrity (2015) *Ethics Institute Utrecht University*

LERU Graduate Summer School: Citizen Science

2017

Zürich, Switzerland

Selected on behalf of Utrecht University

Winner of the Jury Award with the Citizen Science project Let's WakeApp

Attended workshop: *Storytelling for Science*

Conference courses

2016–2017

Teaching Bayesian statistics – R. Steort (ISBA 2016)

Big Data – D. Dunson (ISBA 2016)

Causal inference in experiments and observational studies – D. Rubin (IMPS 2017)

PhD representative for IOPS

2016–2018

(Interuniversity Organization for Psychometrics and Sociometrics)

PhD representative

2016–2018

Department of Methodology and Statistics, Utrecht University

Member of PhD council

Faculty of Social Sciences, Utrecht University

Member of Graduate Think Tank, Utrecht University

2015–2017

Organized by Prof. M. van der Wende, Dean of Graduate Education

Member of organizing committee 'Dare to cross-over', Utrecht University

2016

Graduate student research conference

Memberships: IOPS, ISBA, Psychometric Society, VvS+OR and Young Statisticians.

Grants and Awards

<i>Education Incentive Fund</i> \$14.300 Miočević, M., Aarts, E., Klaassen, F. , Lek, K.M., Mulder, K.T., Namesnik, K.T., Veen, D., Zondervan-Zwijnenburg, M.A.J. (2017). <i>Project member, assigned for the development of Shiny applications for educational purposes.</i>	2017
<i>Citizen Science Award, LERU Doctoral Summer School</i> Winner of the Jury Award – 2.500CHF Quinn, S., Lukeš, D., Jenkins, H., Klaassen, F. , Bisaga, I., Javan, R.R., Schinkelshoek, M.S., and Dulęba, A. (2017). <i>Lets WakeApp</i>	2017
<i>ETSS EJPT best paper of 2017 award</i> Third place	2017
<i>Travel Grant for the ISBA World Meeting</i> \$400 Klaassen, F. (2016). <i>The power of informative hypotheses.</i>	2016
<i>International Mathematics A-lympiade, Competition in applied mathematics</i> First place	2009

Languages and Software

Languages: Dutch (Native), Dutch supported with sign language (Intermediate)
English (Fluent)
French, German, and Spanish (A2-B1)
Software: R, LaTeX, C++, SPSS, Mplus, OpenBugs/WinBugs, HLM

Teaching Experience

Courses:

Research Master, Utrecht University <i>Bayesian Statistics</i> Lectures, practicals, grading and coordination of assignments	2015–2019
Research Master, Utrecht University <i>Multivariate Statistics</i> Lectures, practicals, grading and coordination of assignments	2018
Bachelor, Utrecht University <i>Methoden, Technieken en Statistiek 3</i> Seminars on critical evaluation of research methods	2015–2017
Bachelor, Utrecht University <i>Methoden, Technieken en Statistiek 4</i> Computer labs	2015
Graduate Summer School, Utrecht University <i>Advanced course on using Mplus</i> Computer practicals.	2015–2016
Graduate Summer School, Utrecht University <i>Introduction to Structural Equation Modelling using Mplus</i>	2014–2016

Computer practicals.

Thesis supervision:

Bachelor Thesis

Anouk Sprokel

2016

De toename van de kans op toevallige significante resultaten bij het toetsen van meerdere hypotheses.

Co-supervised with Herbert Hoijtink.

Bachelor Thesis

Jon Stiekema

2017

Bayesiaanse Evaluatie van Informatieve Hypotheses als Methode voor Replicatiebeoordeling.

Co-supervised with Herbert Hoijtink.

Publications

Academic publications:

2020: Miočević, M., **Klaassen, F.**, Geuke, G., Moeyaert, M., & Maric, M. (2020). Using Bayesian methods to test mediators of intervention outcomes in single-case experimental designs. *Evidence-Based Communication Assessment and Intervention*. (Online ahead of print). <https://doi.org/10.1080/17489539.2020.1732029>

2019: **Klaassen, F.** (2019). Combining evidence over multiple individual analyses. In R. Van de Schoot & M. Miočević (Eds.), *Small sample size solutions: A guide for applied researchers and practitioners*. Routledge.

Haaf, J., **Klaassen, F.**, and Rouder, J. (pre-print). *A note on using systems of orders to capture theoretical constraint in psychological science*. doi:10.31234/osf.io/a4xu9.

Kuiling, J. M. E., **Klaassen, F.** and Hagenars, M. A. The role of tonic immobility and control in the development of intrusive memories after experimental trauma. *Memory*. (Online ahead of print). <https://doi.org/10.1080/09658211.2018.1564331>

van der Ham, I. J. M., **Klaassen, F.**, van Schie, K., and Cuperus, A. Elapsed time estimates in virtual reality and the physical world: The role of arousal and emotional valence. *Computers in Human Behavior*, 94. <https://doi.org/10.1016/j.chb.2019.01.005>

2017: **Klaassen, F.**, Zedelius, C., Veling, H., Aarts, H., and Hoijtink, H. (2017). All for One or Some for All? Evaluating Informative Hypotheses using Multiple $N = 1$ Studies. *Behavior Research Methods* doi:10.3758/s13428-017-0992-5

Hagenars, M. A., Holmes, E. A., **Klaassen, F.**, and Elzinga, B. (2017). Tetris and word game affect intrusive memories when applied after memory reactivation 4 days post analogue trauma. *European Journal of Psychotraumatology*. 8 (Sup 1). *3rd place ETSS EJPT best paper of 2017 award*.

Mulder, H. de, Hakemulder, F., van den Berghe, R., **Klaassen, F.** and van Berkum, J. (2017). Effects of exposure to literary narrative fiction: From book smart to street smart? *Scientific Study of Literature*, 7 (1), pp. 129-169.

Cuperus, A. A., **Klaassen, F.**, Hagenars, M. A., and Engelhard, I. M. (2017). A virtual reality paradigm as an analogue to real-life trauma: Its effectiveness compared with the trauma film paradigm. *European Journal of Psychotraumatology*. 8 (Sup 1). doi:10.1080/20008198.2017.1338106.

Software:

2019: Klaassen, F. (2019). BayesianPower: Sample size and power for comparing inequality constrained hypotheses. R package, version 0.1.6. Retrieved from cran.r-project.org

2018: Klaassen, F. (2018). Anova = Regression. Retrieved from utrecht-university.shinyapps.io/Anova-Regression/

2017: Klaassen, F. (2017). One for all or some for all? Retrieved from utrecht-university.shinyapps.io/OneForAll/