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PERSONAL Born in Heerlen, The Netherlands. Dutch citizenship.

EMPLOYMENT-RESEARCH *Since September 2012.* PhD researcher working on “Bayesian Model Selection for Structural Equation Models” with Prof. Dr. E.-J. Wagenmakers on his “Bayes or Bust: Sensible Hypothesis Tests for Social Scientists”-project awarded by the European Research Council at the Department of Psychological Methods, University of Amsterdam, The Netherlands.

2011. Research with Prof. Dr. C.A.J. Klaassen, Korteweg-de Vries Institute for Mathematics, University of Amsterdam, The Netherlands.

2008. Research with Dr. J.H. Brandts, Korteweg-de Vries Institute for Mathematics, University of Amsterdam, The Netherlands.

EMPLOYMENT-TEACHING 2014. Lecturer for the bachelor subject “Basisvaardigheden Wiskunde, Statistiek en Programmeren A” at the University of Amsterdam, The Netherlands.

2014. Lecturer for the research master subject “Calculus” at the University of Amsterdam, The Netherlands.

2013. Lecturer for the bachelor subject “Basisvaardigheden Wiskunde, Statistiek en Programmeren A” at the University of Amsterdam, The Netherlands.

2013. Supervisor of a research master internship project at the University of Amsterdam, The Netherlands.

2013. Tutor for the research master subject “Bayesian Graphical Modelling”. Lecturer: Prof. Dr. E.-J. Wagenmakers at the University of Amsterdam, The Netherlands.

2013. Supervisor for the research master subject “Advanced Programming” at the University of Amsterdam, The Netherlands.

2013. Tutor for the research master subject “Calculus”. Lecturer: Dr. R.P.P.P. Grasman at the University of Amsterdam, The Netherlands.

2013. Tutor for the research master subject “Programming Skills: R”. Lecturer: Prof. Dr. H. van der Maas at the University of Amsterdam, The Netherlands.

ORGANISATIONAL ACTIVITIES 2014–2015. Co-ordinator and tutor for the one-week workshop “Fifth Annual JAGS and WinBUGS Workshop – Bayesian Modeling for Cognitive Science” together with Eric-Jan Wagenmakers, Dora Matzke, Helen Steingroever and Michael Lee. The workshop is scheduled to take place August 10–14, 2015, in Amsterdam, the Netherlands: <http://bayescourse.socsci.uva.nl>.

2013–2014. Co-ordinator and tutor for the one-week workshop “Fourth Annual WinBUGS Workshop – Bayesian Modeling for Cognitive Science” together with Eric-Jan Wagenmakers, Dora Matzke, Helen Steingroever and Michael Lee. The workshop is scheduled to take place August 11–15, 2014, with 56 researchers in attendance in Amsterdam, the Netherlands: <http://bayescourse.socsci.uva.nl>.

2012–2013. Organiser and tutor for the one-week workshop “Bayesian Modeling for Cognitive Science” together with Eric-Jan Wagenmakers, Dora Matzke, Helen Steingroever and Michael Lee. The workshop took place August 12–16, 2013, with 50 researchers in attendance in Amsterdam, the Netherlands.

2006–2007. Chair Re-Organisation Committee Students’ Society Bèta Gamma, UvA. In collaboration with the board I re-organised the students’ organisation for greater efficiency and transparency.

2005–2006. Chair Bèta Gamma 10th Anniversary Committee, UvA. To celebrate ten years of Bèta Gamma, I coordinated a three-day conference on global problems, which was concluded with a benefit party. The money was donated to a charity who gave two Ghanaese students the opportunity to study for a year.

2004–2006. Founding Chair Event Committee Students’ Society Bèta Gamma, UvA. As founder of this committee I was mainly involved with infrastructure and training project managers to creatively organise events. Five events were organised each with 150 to 450 students in attendance.

2003–2004. Chair Freshers’ Week Committee Students’ Society Bèta Gamma, UvA. I lead a team of seven in organising a three-day introduction trip for 55 first-year students.

2003–2005. Board Education Committee Bachelor of Natural and Social Sciences, UvA. Main task was to discuss and evaluate the education programme with the associated lecturers.

EDUCATION

2009–2011. Master of Science degree in Mathematics, Thesis: “Efficient Estimators in Semiparametric Transformation Models”, Thesis supervisor: Prof. Dr. C.A.J. Klaassen, Korteweg-de Vries Institute for Mathematics, University of Amsterdam, The Netherlands.

2010. Exchange semester at the University of Melbourne, Australia. subjects: “Mathematics of Risk”, “Statistical Inference”, “Random Walks and Random Structures” and “Advanced Complex Analysis”.

2003–2008. Bachelor of Science degree in Natural and Social Science – Major Mathematics. Major thesis: “Multirate Numerical Integration for Ordinary Differential Equations”, Thesis supervisor: Dr. J.H. Brandts, Korteweg-de Vries Institute for Mathematics, University of Amsterdam, The Netherlands. General thesis: “The Maths behind the Music: Music, Mathematics and Psychology”, Prof. Dr. A.W. Schram, Institute for Interdisciplinary Studies, University of Amsterdam, The Netherlands.

ARTICLES

6. Jamil, T., Wagenmakers, E.–J., & Ly, A. (2014). Bayesian Tests for Contingency Tables. In preparation.

5. Matzke, D., Ly, A., Selker, R., Weeda, W., D. Scheibehenne, B., Lee, M., D., &

Wagenmakers, E.-J. (2014). Accounting for Measurement Error and the Attenuation of Correlation: A Bayesian Approach. In preparation.

4. Verhagen, J., Ly, A., Matzke, D., Steingroever, H., & Wagenmakers, E.-J. (2014). A Replication Bayes Factor Pack. In preparation.

3. Ly, A., Verhagen, J., & Wagenmakers, E.-J. (2014). Harold Jeffreys's default Bayes factor hypothesis tests: Explanation, extension, and application in psychology. *Journal of Mathematical Psychology*. Manuscript submitted for publication.

2. Wagenmakers, E.-J., Verhagen, J., & Ly, A. (2014). How to Quantify the Evidence for the Absence of an Association Between Loneliness and Bathing Habits. Manuscript submitted for publication.

1. Ly, A., Verhagen, J., Grasman, R.P.P.P, & Wagenmakers, E.-J. (2014). A tutorial on Fisher information *Journal of Mathematical Psychology*. Manuscript submitted for publication.

BOOK CHAPTERS

1. Wagenmakers, E.-J., Verhagen, J., Ly, A., Matzke, D., Steingroever, H., Rouder, J. N., & Morey, R. D. (2014). The need for Bayesian hypothesis testing in psychological science. In Lilienfeld, S. O., & Waldman, I. (Eds.), *Psychological Science Under Scrutiny: Recent Challenges and Proposed Solutions*. John Wiley and Sons. Manuscript submitted for publication.

PRESENTATIONS

1. Ly, A., Verhagen, J., Matzke, D., Steingroever, H., & Wagenmakers, E.-J. (2013). Revisiting Edwards, Lindman, and Savage (1963): "Celebrating" 50 Years of Overestimating the Evidence against the Null. Poster presentation for *Objective Bayesian Statistics 2013*, Duke University, Durham, United States.

AD HOC REVIEWING

- Journal of Mathematical Psychology.

MEMBERSHIPS

- Member of the Objective Bayesian Statistics of ISBA
- Member of the Junior ISBA Section (International Society for Bayesian Analysis)
- Member of the Young Statisticians of the Netherlands Society for Statistics and Operations Research
- Member of the Society of Mathematical Psychology

ADDITIONAL SKILLS

- Languages:
 - Dutch, Cantonese (mother tongue)
 - English (full proficiency)
 - German, French, Spanish (elementary proficiency)
- Computer skills:
 - R, Python, MatLAB, LaTeX, JAGS, WinBUGS (highly competent)
 - Objective-C, C (elementary knowledge)