

Ruud Wetzels

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PERSONAL Born September 19, 1980, in Heerlen, The Netherlands. Dutch Citizenship.

EMPLOYMENT Graduate student at the Methodology Unit of the Department of Psychology at the University of Amsterdam.

2008–2012 Graduate student with Eric–Jan Wagenmakers, University of Amsterdam. Main interests: Mathematical statistics, Bayesian model selection and mathematical modeling of psychological processes.

2010 Attended the 2010 Applied Bayesian Statistics School: Machine Learning With Biomedical Applications in Bolzano Italy, June 11–15, 2010. The school aims to present state-of-the-art Bayesian applications, inviting leading experts in their field. This year’s lecturer was David Dunson, Department of Statistical Science, Duke University, Durham, NC, USA.

2008 Attended a four day workshop Applied Bayesian Statistics at Utrecht University.

2008 Obtained the degree of “Master of Science” (Cum Laude). Thesis title: Hierarchical Mixture Models of Individual Differences in Category Learning. The research was conducted under supervision of Michael Lee at the University of California, Irvine and Eric–Jan Wagenmakers at the University of Amsterdam.

2006–2008 Undergraduate student with Eric–Jan Wagenmakers, University of Amsterdam. Main interests: Mathematical modeling of psychological processes.

2006 Obtained minor degree in Mathematics at the University of Amsterdam.

PROFESSIONAL ACTIVITIES

- *2009* Member of the organizing committee for the 42nd annual meeting of the Society for Mathematical Psychology, to be held from August 1st to August 4th, 2009, in Amsterdam, the Netherlands.
- *2009* Co–organizing and lecturing at a workshop for Bayesian Modeling for Cognitive Science. Other lecturers are Michael Lee and Eric–Jan Wagenmakers
- *2008–2010* Ambassador for the Research Master Psychology at the University of Amsterdam.

- *2010–now* Volunteer for Bits of Freedom, a Dutch digital rights organization focusing on privacy and communications freedom in the digital age.
- *2010–now* Volunteer for Vrijbit, a Dutch organization focusing on privacy, free communication and access to information.

PROFESSIONAL
MEMBERSHIPS

- Member of the International Society for Bayesian Analysis (ISBA)
- Member of the Society for Mathematical Psychology.
- Member of the Dutch Psychonomic Society (NVP).
- Member of IOPS, a Dutch Research School for Psychometrics and Sociometrics.

AD HOC
REVIEWING

- The Journal of Statistical Software
- Statistica Neerlandica
- The Journal of Neuroscience, Psychology, and Economics

ARTICLES

9. Dyjas, O., Grasman, R.P.P.P., Wetzels, R., van der Maas, H.L.J. & Wagenmakers, E.-J. (submitted). What's in a Name: A Bayesian Hierarchical Analysis of the Name–Letter Effect.
8. Wetzels, R., & Wagenmakers, E.-J. (in press). Exemplary Introduction to Bayesian Statistical Inference. Book review of “Bayesian Modeling Using WinBUGS” (Wiley, 1st ed., 2009). *Journal of Mathematical Psychology*.
7. Wagenmakers, E.-J., Wetzels, R. & van Ravenzwaaij, D. (submitted). Bayesian versus frequentist statistics.
6. Lee, M.D., & Wetzels, R. (in press). Individual differences in attention during category learning. In R. Catrambone, & S. Ohlsson (Eds.), *Proceedings of the 32nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.
5. Wetzels, R., Grasman, R. P. P. P., & Wagenmakers, E.-J. (2010). An encompassing prior generalization of the Savage–Dickey density ratio. *Computational Statistics and Data Analysis*, *54*, 2094–2102.
4. Wetzels, R., Lee, M. D., & Wagenmakers, E.-J. (in press). Bayesian Inference Using WBDev: A Tutorial for Social Scientists. *Behavior Research Methods*.
3. Huizenga, H., Wetzels, R., van Ravenzwaaij, D., & Wagenmakers, E.-J. (under revision). Decision making after conscious and unconscious thought.
2. Wetzels, R., Raaijmakers, J. G. W., Jakab, E., & Wagenmakers, E.-J. (2009). How to quantify support for and against the null hypothesis: A flexible

WinBUGS implementation of a default Bayesian t -test. *Psychonomic Bulletin & Review*, 16, 752-760.

1. Wetzels, R., Vandekerckhove, J., Tuerlinckx, F., & Wagenmakers, E.-J. (in press). Bayesian parameter estimation in the Expectancy Valence model of the Iowa gambling task. *Journal of Mathematical Psychology*.

TEACHING

- 2008. Teaching the module “Modeling” (part of a third-year course, co-taught with Han van der Maas and Eric-Jan Wagenmakers).
- 2007-2009. Teaching Assistant with the course “Programming in R” (a Research Master course, taught by Han van der Maas).
- 2009-2011 Teaching the second-year course “Onderzoekspracticum”
- 2009. Teaching Assistant with the third-year course “Mathematical Psychology”.
- 2010-2011. Teaching Assistant with the third-year course “Calculus”.
- 2010-2011. Teaching Assistant with the third-year course “Mathematical Statistics”.

PRESENTATIONS

9. Lee, M.D., & Wetzels, R. (2010). Individual differences in attention during category learning. Presentation for the annual meeting of the cognitive science society.
8. Wagenmakers, E.-J., & Wetzels, R. (2010). A pessimistic perspective on psychological science? Invited presentation for the Psychology Department at the University of Heidelberg, Heidelberg, Germany, May 2010.
7. Wagenmakers, E.-J., Dyjas, O., Grasman, R., and Wetzels, R. (2009). Are researchers egoistic when they write an abstract? Presentation for the 50th annual meeting of the Psychonomic Society, Boston, November 2009.
6. Wagenmakers, E.-J., Wetzels, R., & Grasman, R.P.P.P. (2009). An Encompassing Prior Generalization of the Savage-Dickey Density Ratio Test. Presentation for the conference for Mathematical Psychology 2009 in Amsterdam.
5. Wetzels, R. (2009). Writing functions in WBDev. Presentation for the workshop “Bayesian Modeling for Cognitive Science”.
4. Wagenmakers, E.-J., & Wetzels, R. (2009). Bayesian Hypothesis Testing Without Tears. Presentation for the Mathematical Psychology conference in Newcastle, Australia, February 2009.
3. Wetzels, R., Lee, M., & Wagenmakers, E.-J. (2008). Bayesian Inference Using WBDev: a Tutorial for Social Scientists. Presentation for the ScIP conference in Chicago, USA, July 2008.

2. Lee, M., & Wetzels, R. (2008). Bayesian inferences about individual differences in category learning using ALCOVE. Presentation for the Mathematical Psychology conference in Washington, USA, 2008.

1. Wetzels, R., Vandekerckhove, J., Tuerlinckx, F., & Wagenmakers, E.-J. (2008). Bayesian Parameter Estimation in the Expectancy Valence Model of the Iowa Gambling Task. Presentation at the Mathematical Psychology conference in Washington, USA, July 2008.

POSTER
PRESENTATIONS

4. Wetzels, R., Grasman, R. P. P. P., & Wagenmakers, E.-J. (2010). An encompassing prior generalization of the Savage–Dickey density ratio. Poster presented at ISBA 2010, Valencia.

3. Wetzels, R., Grasman, R. P. P. P., & Wagenmakers, E.-J. (2010). An encompassing prior generalization of the Savage–Dickey density ratio. Poster presented at the conference at CRiSM 2010 in Warwick.

2. Dyjas, O., Grasman, R.P.P.P, Wetzels, R., van der Maas, H.J.L., & Wagenmakers, E.-J. Are Researchers Egoistic When They Write an Abstract? A Bayesian Hierarchical Test of the Name–Letter Effect. Poster as presented at the Mathematical Psychology 2009 conference in Amsterdam.

1. Wetzels, R., & Wagenmakers, E.-J. (2007). Testing the Validity of the Expectancy-Valence Model for the Iowa Gambling Task. Poster presentation at the 11th NVP Winter Conference, *De Nederlandse Vereniging voor Psychonomie*, Egmond aan Zee, December 2007.