
CURRICULUM VITAE DORA MATZKE

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PERSONAL

Date of birth 1 September 1982
Place of birth Budapest, Hungary
Nationality Hungarian
Website <http://dora.erbe-matzke.com>
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EMPLOYMENT

2016- Assistant Professor, Department of Psychological Methods at the University of Amsterdam; permanent position (75% research)
2013-2015 Assistant Professor, Department of Psychological Methods at the University of Amsterdam; temporary position (50% research)

EDUCATION

2009-2013 PhD student with Eric-Jan Wagenmakers and Conor Dolan, Department of Psychological Methods at University of Amsterdam. Topic: Bayesian Explorations in Mathematical Psychology (Cum Laude)
2007-2009 Research Master's Psychology, Specialization in Psychological Methods, University of Amsterdam (Cum Laude)
2004-2007 Bachelor Psychology, Specialization in Psychological Methods, University of Amsterdam (Cum Laude)

GRANTS, HONORS, AND AWARDS

- 2017 Support provided by the DFG Deutsche Forschungsgemeinschaft for a Scientific Network on "Hierarchical MPT Modeling – Methodological Comparisons and Application Guidelines" (€62,950, co-applicant)
- 2017 Competitive Evaluation Research Agreement (CERA) grant awarded by the Defence Science and Technology Group (DST) of the Australian Government (100.000 ASD, co-applicant)
- 2017 Support from the William K. and Katherine W. Estes Fund for Advanced Training in Mathematical and Computational Modeling for Psychological Science for organizing the five-day workshop "Model-based Neuroscience Summer School" at the University of Amsterdam (15.000 USD, co-applicant)
- 2016 Early Career Award from the Society for Experimental Psychology and Cognitive Science (Division 3 of the American Psychological Association)
- 2016 Support from the William K. and Katherine W. Estes Fund for Advanced Training in Mathematical and Computational Modeling for Psychological Science for organizing the five-day workshop "Bayesian Estimation of Evidence Accumulation Architectures in Neuroscience and Cognition" at Boston University (15.000 USD, co-applicant)
- 2015 Travel support from the Visiting Fellowship and Visiting Scholarship Program of the University of Tasmania (7.000 AUD)
- 2015 Personal Veni grant awarded by the Netherlands Organization of Scientific Research (NWO; €250.000)
- 2015 Leamer-Rosenthal Prize for Emerging Researchers (Berkeley Initiative for Transparency in the Social Sciences; 10.000 USD)
- 2015 Association for Psychological Science (APS) Rising Star 2015
- 2012, 2013 Student Travel Award, Society for Mathematical Psychology (200 USD in total)
- 2009 Unilever Research prize (€2.500)
- 2008 Best Master's Thesis 2008, Department of Psychology, University of Amsterdam (€250)

PROFESSIONAL EXPERIENCE

TEACHING

- 2017 Lecturer, developer, and coordinator "Bayesian Inference for Psychological Science" (Research Master's Psychology)
- 2016, 2017 Instructor "Good Research Practices" (Research Master's Psychology)

2016, 2017	Lecturer and coordinator "Bayesian Graphical Modeling" (Research Master's Psychology)
2016, 2017	Lecturer, developer, and coordinator "Statistiek voor de Levenswetenschappen" (Statistics for the Life Sciences; Second-year Beta-Gamma and Future Planet Studies)
2015-2018	Lecturer and developer "Methoden van Onderzoek en Statistiek 2" (Research Methods and Statistics 2; Second-year Psychobiology)
2015	Instructor "Good Science Bad Science" (Research Master's Psychology)
2015	Lecturer "Meta-analysis" (Research Master's Psychology)
2015	Lecturer and developer "Bayesian Analysis" (Third-year Psychological Methods)
2014	Lecturer and developer "Bayesian Statistics using JAGS" (Third-year Psychological Methods)
2014	Lecturer "Methoden van Onderzoek en Statistiek" (Research Methods and Statistics; First-year Psychobiology)
2014	Lecturer, developer, and coordinator "Statistiek in R" (Statistics using R; First-year Psychobiology)
2014	Lecturer "Onderzoeksmethoden en Statistiek" (Research Methods and Statistics; First-year Beta-Gamma)
2014	Supervisor "Miniscriptie Engels" (English Scientific Writing; Second-year Psychobiology)
2013	Lecturer "Cognitive Models for Cognitive Neuroscience: Bayesian Hierarchical Modeling" (Research Master's Psychology)
2012-	Thesis and internship supervisor (Research Master's Psychology)
2010-2013	Supervisor Onderzoekspracticum (Research training; Second-year Psychology)
2011-2012	Teaching assistant "Bayesian Graphical Modeling" (Research Master's Psychology)
2010-2012	Teaching assistant "Programming in R" (Research Master's Psychology)
2008	Teaching assistant "Scientific Writing and Presenting" (Research Master's Psychology)
2008	Tutor "Methoden van Onderzoek 2A" (Research Methods and Statistics; Second-year Psychology)

RESEARCH

- Feb 2017 Visit to the University of Newcastle, Australia, with Andrew Heathcote. Topic: *Bayes factors for deterministic accumulator models*.
- April 2016 Visit to the Cognitive Psychology and Individual Differences Group of the University of Mannheim, Mannheim, Germany, with Edgar Erdfelder. Topic: *Bayesian hierarchical multinomial processing trees*.
- Feb-Mar 2016 Visit to the Tasmanian Cognition Laboratory, University of Tasmania, Australia, with Andrew Heathcote. Topic: *Dealing with messy stop-signal data*.
- Nov 2015 Visit to the Logan Lab, Department of Psychology, Vanderbilt University, Nashville, USA, with Gordon Logan. Topic: *The stop-signal paradigm*.
- Nov 2014 Visit to the Department of Mathematics and Statistics, Fylde College Lancaster University, Lancaster, United Kingdom, with David Leslie. Topic: *The application of reversible jump Markov chain Monte Carlo sampling to model selection for Bayesian hierarchical models*.
- Feb-Mar 2014 Visiting to the Cognition Lab, University of Newcastle, Australia, with Andrew Heathcote and Scott Brown. Topic: *Bayesian estimation of trigger failures in the stop-signal paradigm*.

SOFTWARE

- BEESTS-WTF Bayesian Ex-Gaussian estimation of stop-signal RT distributions with trigger failures; open source, cross-platform Python and R-based application with easy-to-use GUI. Available at: <http://dora.erbe-matzke.com/software.html>
- BEESTS Bayesian Ex-Gaussian estimation of stop-signal RT distributions; open source, cross-platform Python and R-based application with easy-to-use GUI. Available at: <http://dora.erbe-matzke.com/software.html>

ORGANIZATIONAL ACTIVITIES

- 2017 Part of the organizing committee for the five-day "Model-based Neuroscience Summer School". The workshop took place July 31-August 4, 2017, in Amsterdam, the Netherlands. The workshop was supported by the William K. and Katherine W. Estes Fund and the Netherlands Institute for Neuroscience. (<http://www.modelbasedneuroscience.com/index.html>).
- 2017 Part of the organizing committee for the two-day "Theory and Practice of Bayesian Hypothesis Testing: A JASP Workshop". The workshop took place August 28–29, 2017, in Amsterdam, the Netherlands. (<https://jasp-stats.org/upcoming-events/jasp-workshop/>).
- 2017 Part of the organizing committee for the one-week "Seventh Annual JAGS and WinBUGS Workshop: Bayesian Modeling for Cognitive Science". The workshop took place August 21–25, 2017, in Amsterdam, the Netherlands. (<http://bayescourse.socsci.uva.nl/index.php?src=home>).

- 2016 Part of the organizing committee of the five-day workshop “Bayesian Estimation of Evidence Accumulation Architectures in Neuroscience and Cognition”. The workshop took place November 7-11, 2016, at Boston University. The workshop was supported by the William K. and Katherine W. Estes Fund.
- 2016 Part of the organizing committee for the two-day “Theory and Practice of Bayesian Hypothesis Testing: A JASP Workshop”. The workshop took place August 22–23, 2016, in Amsterdam, the Netherlands.
- 2016 Part of the organizing committee for the one-week “Sixth Annual JAGS and WinBUGS Workshop: Bayesian Modeling for Cognitive Science”. The workshop took place August 15–19, 2016, in Amsterdam, the Netherlands.
- 2016 Co-organizing the two-day workshop “Pre-Registration as a Research and Publication Method” for the Kurt Lewin Institute. The workshop took place May 12-13, 2016, in Amsterdam, the Netherlands.
- 2015 Part of the organizing committee for the one-week “Annual JAGS and WinBUGS Workshop: Bayesian Modeling for Cognitive Science”. The workshop took place August 10–14, 2015, in Amsterdam, the Netherlands.
- 2015 Part of the organizing committee for the two-day “August JASP Workshop”. The workshop took place August 6–7, 2015, in Amsterdam, the Netherlands.
- 2015 Part of the organizing committee for the Erasmus Seminar on Mathematical Psychology: “Formal Models and Quantitative Methods for Psychology”, a European-wide initiative to promote mathematical modeling in psychology. Participating institutions: University of Amsterdam, International University Bremen, University of Debrecen, University of Glasgow, University of Graz, University of Leuven, University of Lisbon, University Complutense of Madrid, University of Oldenburg, University of Padova, University of Tartu, and University of Tübingen. The workshop took take place March 22–28, 2015, in Hungary
- 2014 Part of the organizing committee for the one-week workshop “Fourth Annual WinBUGS Workshop: Bayesian Modeling for Cognitive Science”. The workshop took place August 11–15, 2014, in Amsterdam, the Netherlands.
- 2013 Part of the organizing committee for the one-week workshop “Bayesian Modeling for Cognitive Science”. The workshop took place August 12–16, 2013, in Amsterdam, the Netherlands.
- 2012 Part of the organizing committee for the one-week workshop “Bayesian Modeling for Cognitive Science”. The workshop took place July 2–6, 2012, in Amsterdam, the Netherlands.
- 2011 Part of the organizing committee for the one-week workshop “Bayesian Modeling for Cognitive Science”. The workshop took place August 22–26, 2011, in Amsterdam, the Netherlands.

AD HOC REVIEWING

American Journal of Psychology, Behavior Research Methods, Cognition and Emotion, DFG Deutsche Forschungsgemeinschaft, Experimental Psychology, Frontiers in Neuroinformatics, Journal of Abnormal Child Psychology, Journal of the American Statistical Association, Journal of Cognitive Neuroscience, Journal of Experimental Psychology: Human Perception and Performance, Journal of Experimental Psychology: Learning, Memory & Cognition, Journal of Mathematical Psychology, Multivariate Behavioral Research, Psychonomic Bulletin & Review, PLOS ONE, Psychologica Belgica, Scientific Reports - Nature, Social Science Meta-Analysis and Research Transparency Grants (Berkeley Initiative for Transparency in the Social Sciences)

MEMBERSHIP

American Psychological Association, European Society of Cognitive Psychology, Psychonomic Society, Society for Mathematical Psychology

OTHER

- 2017- Member of the Executive Board of the Psychological Methods Department of the University of Amsterdam
- 2015-2016 Member of the SMBP (Statistics and Methods Education in the Bachelor Psychology) committee of the University of Amsterdam.
- 2015 Methodology and statistics consultant for researchers at the Department of Psychology, University of Amsterdam (Stats Store; <http://www.statsstore.socsci.uva.nl/>)
- 2014- Member of the JASP Development Team (JASP: A Fresh Way to Do Statistics; <https://jasp-stats.org/>)

PUBLICATIONS

Matzke, D., Curely, S., Gong, C.Q., & Heathcote, A. (2017). Inhibiting responses to difficult choices. *Manuscript submitted for publication.*

Gronau, Q.F., Wagenmakers, E.-J., Heck, D.W., & **Matzke, D.** (2017). A simple method for comparing complex models: Bayesian model comparison for hierarchical multinomial processing tree models using warp-III bridge sampling. *Manuscript submitted for publication.*

Boehm, U., Marsman, M., **Matzke, D.**, & Wagenmakers, E.-J. (2017). On the importance of avoiding shortcuts in modelling hierarchical data. *Manuscript submitted for publication.*

Gronau, Q. F., Sarafoglou, A., **Matzke, D.**, Ly, A., Boehm, U., Marsman, M., Leslie, D. S., Forster, J.J., Wagenmakers, E.-J., & Steingroever, H. (in press). A tutorial on bridge sampling. *Journal of Mathematical Psychology.*

Beek, T.F., **Matzke, D.**, Pinto, Y., Rotteveel, M., Gierholz, A., Verhagen, J., ..., Wagenmakers, E.-J. (in press). Incidental haptic sensations may not influence social judgements: A purely confirmatory replication attempt of Study 1 by Ackerman, Noreca, & Bargh (2010). *Journal of Articles in Support of the Null Hypothesis.*

Matzke, D., Boehm, U., & Vandekerckhove, J. (in press). Bayesian inference for psychology. Part III: Parameter estimation in nonstandard models. *Psychonomic Bulletin & Review*.

Wagenmakers, E.-J., Love, J., Marsman, M., Jamil, T., Ly, A., Verhagen, A.J., Selker, R., Gronau, Q.F., Dropmann, D., Boutin, B., Meerhoff, F., Knight, P., Raj, A., van Kesteren, E.-J., van Doorn, J., Smira, M., Epskamp, S., Etz, A., **Matzke, D.**, Rouder, J.N., & Morey, R.D. (in press). Bayesian inference for psychology. Part II: Example applications with JASP. *Psychonomic Bulletin & Review*.

Wagenmakers, E.-J., Marsman, M., Jamil, T., Ly, A., Verhagen, A.J., Love, J., Selker, R., Gronau, Q.F., Smira, M., Epskamp, S., **Matzke, D.**, Rouder, J.N., & Morey, R.D. (in press). Bayesian inference for psychology. Part I: Theoretical advantages and practical ramifications. *Psychonomic Bulletin & Review*.

Ly, A., Boehm, U., Heathcote, A., Turner, B.M., Forstmann, B., Marsman, M., & **Matzke, D.** (in press). A flexible and efficient hierarchical Bayesian approach to the exploration of individual differences in cognitive-model-based neuroscience. *Computational Models of Brain and Behavior*. Wiley.

Matzke, D., Verbruggen, F., & Logan, G. (in press). The stop-signal paradigm. *Stevens' Handbook of Experimental Psychology and Cognitive Neuroscience, Fourth Edition, Volume Five: Methodology*. John Wiley & Sons, Inc.

Matzke, D., Ly, A., Selker, R., Weeda, W. D, Scheibehenne, B, Lee, M. D., & Wagenmakers, E.-J. (2017). Bayesian inference for correlations in the presence of estimation uncertainty and measurement error. *Collabra: Psychology*, 3(1), 25.

Kryptos, A.-M., Blanken, T.F., Arnaudova, I., **Matzke, D.**, & Beckers, T. (2017). A primer on Bayesian analysis for experimental psychopathologists. *Journal of Experimental Psychopathology*, 8, 140-157.

Matzke, D., Hughes, M., Badcock, J.C., Michie, P., & Heathcote, A. (2017). Failures of cognitive control or attention? The case of stop-signal deficits in schizophrenia. *Attention, Perception, & Psychophysics*, 79, 1078-1086.

Dutilh, G., Vandekerckhove, J., Ly, A., **Matzke, D.**, Pedroni, A., Frey, R., Rieskamp, J., & Wagenmakers, E.-J. (2017). A test of the diffusion model explanation of the worst performance rule using preregistration and blinding. *Attention, Perception, & Psychophysics*, 79, 713-725.

Wagenmakers, E.-J., Verhagen, A.J., Ly, A., **Matzke, D.**, Steingroever, H., Rouder, J.N., & Morey, R.D. (2017). 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*, pp. 123-138. John Wiley and Sons.

Matzke, D., Love, J., & Heathcote A. (2017). A Bayesian approach for estimating the probability of trigger failures in the stop-signal paradigm. *Behavior Research Methods*, 49, 267-281.

Cramer, A.O.J., van Ravenzwaaij, D., **Matzke, D.**, Steingroever, H., Wetzels, R., Grasman, R.P.P.P., Waldorp, L., & Wagenmakers, E.-J. (2016). Correction for multiple comparisons in the multiway ANOVA: Theoretical solution and practical consequences. *Psychonomic Bulletin & Review*, 23, 640-647.

Wagenmakers, E.-J., Verhagen, A.J., Ly, A., Bakker, M., Lee, M.D., **Matzke, D.**, Rouder, J.N., & Morey, R.D. (2015). A power fallacy. *Behavior Research Methods*, 47, 913-917.

Wagenmakers, E.-J., Beek, T., Rotteveel, M., Gierholz, A., **Matzke, D.**, Steingrover, H., ..., Pinto, Y. (2015). Turning the hands of time again: A purely confirmatory replication study and a Bayesian analysis. *Frontiers in Psychology: Cognition*, 6:494.

Matzke, D., Dolan, C.V, Batchelder, W.H., & Wagenmakers, E.-J. (2015). Bayesian estimation of multinomial processing tree models with heterogeneity in participants and items. *Psychometrika*, 80, 205-235.

Rotteveel, M., Gierholz, A., Koch, G., van Aalst, C., Pinto, Y., **Matzke, D.**, ..., Wagenmakers, E.-J. (2015). On the automatic link between affect and tendencies to approach and avoid: Chen and Bargh (1999) revisited. *Frontiers in Psychology: Cognition*, 6:335.

van Elk, M., **Matzke, D.**, Gronau, Q, Guan, M., Vanderkerckhove, J., & Wagenmakers, E.-J. (2015). Meta-analyses are no substitute for registered replications: A skeptical perspective on religious priming. *Frontiers in Psychology: Personality and Social Psychology*, 6:1365.

Matzke, D., Nieuwenhuis, S., van Rijn, H., Slagter, H.A, van der Molen, M.W, & Wagenmakers, E.-J. (2015). The effect of horizontal eye movements on free recall: A preregistered adversarial collaboration. *Journal of Experimental Psychology: General*, 144, e1-e15.

Vandekerckhove, J., **Matzke, D.**, & Wagenmakers, E.-J. (2015). Model comparison and the principle of parsimony. In J. Busemeyer, J. Townsend, Z.J. Wang, & A. Eidels (Eds.), *Oxford Handbook of Computational and Mathematical Psychology*, pp. 300-319. Oxford: Oxford University Press.

Nuijten, M.B., Wetzels, R., **Matzke, D.**, Dolan, C.V., & Wagenmakers, E.-J. (2015). A default Bayesian hypothesis test for mediation. *Behavior Research Methods*, 47, 85-97.

Love, J., Selker, R., Verhagen, J., Marsman, M., Gronau, Q.F., Jamil, T., ..., **Matzke, D.**, ..., Rouder, J.N. (2015). Software to sharpen your stats. *APS Observer*, 28.

de Groot, A.D. (1956/2014). The meaning of "significance" for different types of research. Translated and annotated by Eric-Jan Wagenmakers, Denny Borsboom, Josine Verhagen, Rogier Kievit, Marjan Bakker, Angelique Cramer, **Dora Matzke**, Don Mellenbergh, and Han L.J. van der Maas. *Acta Psychologica*, 148, 188-194.

Matzke, D. (2013). Bayesian explorations in mathematical psychology. *Doctoral dissertation*.

Matzke, D., Lee, M.D., & Wagenmakers, E.-J. (2013). Getting started with WinBUGS. In M.D. Lee, & E.-J. Wagenmakers, *Bayesian cognitive modeling: A practical course* (pp. 16-34). Cambridge University Press.

Matzke, D., Lee, M.D., & Wagenmakers, E.-J. (2013). Signal detection theory: Parameter expansion. In M.D. Lee, & E.-J. Wagenmakers, *Bayesian cognitive modeling: A practical course* (pp. 164-167). Cambridge University Press.

Matzke, D., Lee, M.D., & Wagenmakers, E.-J. (2013). Multinomial processing trees. In M.D. Lee, & E.-J. Wagenmakers, *Bayesian cognitive modeling: A practical course* (pp. 187-195). Cambridge University Press.

Bakker, M., Cramer, A.O.J., **Matzke, D.**, Kievit, R.A., van der Maas, H.L.J., Wagenmakers, E.-J., & Borsboom, D. (2013). Dwelling on the past. *European Journal of Personality*, 27, 120-144. Open

peer commentary on Asendorp et al., "Recommendations for increasing replicability in psychology".

Matzke, D., Love, J., Wiecki, T., Brown, S.D., Logan, G.D., & Wagenmakers, E.-J. (2013). Release the BEESTS: Bayesian ex-Gaussian estimation of stop-signal reaction time distributions. *Frontiers in Quantitative Psychology and Measurement*, 4:918.

Matzke, D., Dolan, C.V., Logan, G.D., Brown, S.D., & Wagenmakers, E.-J. (2013). Bayesian parametric estimation of stop-signal reaction time distributions. *Journal of Experimental Psychology: General*, 142, 1047-1073.

Wetzels, R., **Matzke, D.**, Lee, M.D., Rouder, J.N., Iverson, G.J., & Wagenmakers, E.-J. (2011). Statistical evidence in experimental psychology: An empirical comparison using 855 *t* tests. *Perspectives on Psychological Science*, 6, 291-298.

Matzke, D., Dolan, C.V., & Molenaar, D. (2010). The issue of power in the identification of "g" with lower-order factors. *Intelligence*, 38, 336-344.

Matzke, D., & Wagenmakers, E.-J. (2009). Psychological interpretation of the ex-Gaussian and shifted Wald parameters: A diffusion model analysis. *Psychonomic Bulletin & Review*, 16, 798-817.

Number of citations: 1066, h-index: 15, i10-index: 18 (Google Scholar, 29 October, 2017)

PRESENTATIONS

Matzke, D. & Heathcote, A. (2017). The lognormal-race model of response inhibition: A simple process model of performance in the stop-signal paradigm. Talk at 50th annual meeting of the Society for Mathematical Psychology, University of Warwick, UK.

Matzke, D., Gronau, Q., & Wagenmakers, E.-J. (2017). Bridge sampling: A simple yet powerful method for comparing complex cognitive models. Talk at 2017 Australasian Mathematical Psychology Conference, Brisbane, Australia.

Matzke, D., Boehm, U., Marsman, M., & Wagenmakers, E.-J. (2016). On the importance of avoiding shortcuts in modelling hierarchical data. Talk at 49th annual meeting of the Society for Mathematical Psychology, New Brunswick, New Jersey, USA.

Matzke, D., Boehm, U., Marsman, M., & Wagenmakers, E.-J. (2016). On the importance of avoiding shortcuts in modelling hierarchical data. Talk at 15th Annual Summer Interdisciplinary Conference (ASIC), Selva Val Gardena Italy.

Matzke, D., Badcock, J.C., Hughes, M.E., Michie, P.T., & Heathcote, A. (2016). A Bayesian approach for quantifying the contribution of trigger failures to response inhibition performance: Evidence for triggering deficiencies in schizophrenia. Invited talk at the 28th APS Annual Convention, Chicago, USA.

Matzke, D. (2016). Bayesian hierarchical methods in psychology: Two case studies in cognitive modeling. Invited talk at Cognitive Psychology and Individual Differences Group of the University of Mannheim, Mannheim, Germany.

Matzke, D. (2015). A Bayesian approach for estimating SSRT distributions and the probability of trigger failures in the stop-signal paradigm. Invited talk at the Department of Psychology, Vanderbilt University, Nashville, USA.

Matzke, D., Love, J., & Heathcote, A. (2015). A Bayesian approach for estimating the probability of trigger failures in the stop-signal paradigm. Talk at 14th Annual Summer Interdisciplinary Conference (ASIC), Mammoth Lakes, USA.

Matzke, D., Brown, S.D., Michie, P., & Heathcote, A. (2014). A Bayesian approach for estimating the probability of trigger failures in the stop-signal paradigm. Talk at 47th annual meeting of the Society for Mathematical Psychology, Quebec City, Canada.

Matzke, D. (2014). A Bayesian parametric approach for estimating the distribution of stop-signal reaction times. Invited talk at the Cognition Lab at the University of Newcastle, Australia.

Matzke, D., Love, J., Wiecki, T., Brown, S.D., Logan, G.D., & Wagenmakers, E.-J. (2013). BEESTS: Bayesian estimation of stop-signal reaction time distributions. Talk at ESCOP 2013, Budapest, Hungary.

Matzke, D., Love, J., Wiecki, T., Brown, S.D., Logan, G.D., & Wagenmakers, E.-J. (2013). BEESTS: Bayesian estimation of stop-signal reaction time distributions. Talk at the 46th annual meeting of the Society for Mathematical Psychology, University of Potsdam, Potsdam, Germany.

Matzke, D., Dolan, C.V, Batchelder, W.H., & Wagenmakers, E.-J. (2012). Bayesian estimation of multinomial processing tree models with heterogeneity in participants and items. Talk at the 45th annual meeting of the Society for Mathematical Psychology, Columbus, Ohio, USA.

Matzke, D., Dolan, C.V, Logan, G.D., Brown, S.D., & Wagenmakers, E.-J. (2011). A Bayesian parametric approach for estimating the distribution of stop-signal reaction times. Poster presentation at the 13th NVP conference, Egmond aan Zee, The Netherlands.

Matzke, D., Dolan, C.V, Logan, G.D., Brown, S.D., & Wagenmakers, E.-J. (2011). A Bayesian parametric approach for estimating the distribution of stop-signal reaction times. Talk at the 44th annual meeting of the Society for Mathematical Psychology, Tufts University, Medford, Massachusetts, USA.

Matzke, D. & Wagenmakers, E.-J. (2009). Psychological interpretation of the ex-Gaussian and shifted Wald parameters: A diffusion model analysis. Poster presentation at the 42nd annual meeting of the Society for Mathematical Psychology, University of Amsterdam, Amsterdam, The Netherlands.

Matzke, D. & Wagenmakers, E.-J. (2009). Psychological interpretation of the ex-Gaussian and shifted Wald parameters: A diffusion model analysis. Invited talk at the Unilever Research Prize award ceremony.