

Dr. Dipl.-Psych. Marc Jekel

Georg-August-Universität Göttingen
Georg-Elias-Müller-Institut für Psychologie
Abt. 9: Psychologische Diagnostik, Urteilen und Entscheiden
Goßlerstraße 14
37073 Göttingen, Germany

Phone: +49 (0) 551 39 - 20624

Email: marc.jekel@psych.uni-goettingen.de

DFG-PROJECT: <http://www.coherence-based-reasoning-and-rationality.de/>

GOOGLE SCHOLAR PROFILE: <http://tinyurl.com/nm2spxo>

Born: October 7, 1979—Bonn, Germany

Nationality: German

Current Position

Researcher, Georg-Elias-Müller-Institut für Psychologie, University of Göttingen

Areas of Specialization

Judgment and decision making; cognitive modelling; individual assessment; stats

Appointments

- 2013- Researcher, Georg-Elias-Müller-Institut für Psychologie, University of Göttingen
- 2013- Guest researcher, Max-Planck Institute for Research on Collective Goods, Bonn
- 2011- Funded by the German Science Foundation (DFG) as part of the priority program
SPP 1516 “New Frameworks of Rationality” (applicants: Prof. Dr. Andreas Glöckner & Prof. Dr. Arndt Bröder)
- 2011-2013 Senior research fellow, MPI for Research on Collective Goods, Bonn
- 2010-2011 Research fellow, Max-Planck Institute for Research on Collective Goods (advisor:
Prof Dr. Andreas Glöckner)
- 2007-2010 Research fellow, Rheinische Friedrich-Wilhelms-Universität Bonn, Allgemeine Psy-
chologie I (advisor: Prof Dr. Arndt Bröder)

Education

General

- 2007-2012 DR. PHIL., Rheinische Friedrich-Wilhelms-Universität Bonn, Germany
(magna cum laude)
- 2000-2006 DIPL.-PSYCH., Ruprecht-Karls Universität Heidelberg, Germany
(average grade: 1.2)
- 2003-2004 Studies in psychology, University of Illinois at Urbana-Champaign, USA

Workshops and visits (partially or fully funded by stipends)

- 02/2013 Visiting Prof. Dr. Michel Regenwetter's lab in Urbana-Champaign, Illinois, USA.
02/2013 Advanced Training Institute in Social Psychology Experiments via the WWW: html5. Fullerton, USA (Gary McClelland & Michael Birnbaum).
01/2012 Advanced Training Institute in Social Psychology Experiments via the WWW: JavaScript. Fullerton, USA (Michael Birnbaum).
07/2010 European Society for Cognitive Psychology: Summer school in computational and mathematical modeling of cognition (Stephan Lewandowsky & Klaus Oberauer).
07/2008 7th Summer Institute on bounded rationality in psychology and economics, MPI Berlin (Gerd Gigerenzer).
07-08/2007 Summer school International Max Planck Research School on adapting behavior in a fundamentally uncertain world, MPI Jena (Werner Güth).

Stipends

- 2010-2011 Stipend research fellow MPI Collective Goods
2003-2004 – Exchange scholarship Ruprecht-Karls Universität Heidelberg and University of Illinois at Urbana-Champaign
– Exchange stipend from Baden-Württemberg-Stiftung
– Fulbright stipend

Publications & Talks

Peer reviewed journal articles

- 2014 **Jekel, M., Glöckner, A., Bröder, A., & Maydych, V. (2014).** Approximating rationality under incomplete information: Adaptive inferences for missing cue values based on cue-discrimination. *Judgment and Decision Making*, 9, 129–147.
2012 **Jekel, M., Glöckner, A., Fiedler, S., & Bröder, A. (2012).** The rationality of different kinds of intuitive decision processes. *Synthese*, 189, 147–160.
Gollwitzer, M., Rothmund, T., Alt, B., & Jekel, M. (2012). Victim sensitivity and the accuracy of social judgments. *Personality and Social Psychology Bulletin*, 38, 975–984.
2011 **Jekel, M., Fiedler, S., & Glöckner, A. (2011).** Diagnostic task selection for strategy classification in judgment and decision making: Theory, validation, and implementation in R. *Judgment and Decision Making*, 6, 782–799.
Han, G., & Jekel, M. (2011). The mediating role of job satisfaction between leader-member exchange and turnover intentions. *Journal of Nursing Management*, 19, 41–49.
2010 **Jekel, M., Nicklisch, A., & Glöckner, A. (2010).** Implementation of the multiple-measure maximum likelihood strategy classification method in R: Addendum to Glöckner (2009) and practical guide for application. *Judgment and Decision Making*, 5, 54–63.

Manuscripts under review or to be submitted

Glöckner, A., Hilbig, B. E., & Jekel, M. (under review). What is adaptive about adaptive decision making? A parallel constraint satisfaction theory for decision making.¹

¹see <http://tinyurl.com/k94jq59> for manuscript

Ashby, N. J. S., **Jekel, M.**, Dickert, S., & Glöckner, A. (under review). Finding the right fit: A comparison of cognitive process assumptions underlying popular drift-diffusion models.

Jekel, M., Glöckner, A., & Bröder, A. (to be submitted). Learning in dynamic probabilistic environments: A Parallel-constraint satisfaction network-model approach.²

Working papers

Jekel, M., & Koscholke, J. An empirical study of coherence assessment.

Jekel, M., & Glöckner, A. Doing justice to Benjamin Franklin: Overestimation of the use of heuristics due to problematic implementations of weighted compensatory strategies.

Talks

2014 **Jekel, M.**, Glöckner, A., & Bröder, A. (03/2014). Designing environments for optimal learning in probabilistic decision making. Talk at 56. Tagung experimentell arbeitender Psychologen (TeaP), Giessen, Germany.

2013 **Jekel, M.**, Glöckner, A., & Bröder, A. (11/2013). Vergleich zweier Modellklassen zum Erlernen von probabilistischen Zusammenhängen. Talk at 46. Herbsttreffen Experimentelle Kognitionspsychologie, Universität Göttingen.

Jekel, M., Glöckner, A., & Bröder, A. (11/2013). Comparing two classes of formal models of learning in probabilistic decision making. Invited talk at colloquium Theoretische Philosophie (Prof. Dr. Gerhard Schurz) at Heinrich Heine Universität Düsseldorf.

Jekel, M., Glöckner, A., Bröder, A., & Maydych, V. (08/2013). Approximating rationality under incomplete information: Adaptive inference mechanisms for missing cue values. Talk at Subjective Probability, Utility, and Decision Making Conference (SPUDM), Barcelona, Spain.

Ashby, N. J. S., Glöckner, A., & **Jekel, M.** (08/2013). The leaky mind: The role of attentional allocation, primacy, and “forgetting” in choice. Talk at Subjective Probability, Utility, and Decision Making Conference (SPUDM), Barcelona, Spain.

Jekel, M., Glöckner, A., & Bröder, A. (08/2013). Comparing two classes of formal models of learning in probabilistic decision making. Talk at The 46th Annual Meeting of the Society of Mathematical Psychology, Potsdam, Germany.

Jekel, M., Glöckner, A., & Bröder, A. (03/2013). Modeling learning in a parallel constraint satisfaction network model. Talk at 55. Tagung experimentell arbeitender Psychologen (TeaP), Wien, Austria.

Ashby, N. J. S., Glöckner, A., Dickert, S., & **Jekel, M.** (03/2013). A future state of mind: The role of attentional allocation and “forgetting” in choice. Talk at 55. Tagung experimentell arbeitender Psychologen (TeaP), Wien, Austria.

Jekel, M., Glöckner, A., Fiedler, S., & Maydych, V. (02/2013). How to (easily) test competing models in decision making: From process measures of decision behavior to model evaluation. Talk at Quantitative Brownbag, Psychology Department, Urbana-Champaign, Illinois, USA.

2012 **Jekel, M.**, & Glöckner, A. (11/2012). Doing justice to Benjamin Franklin’s ideas: Overestimation of the use of heuristics due to problematic implementations of weighted compensatory strategies. Talk at SJDM, Minneapolis, USA.

²see <http://tinyurl.com/pnwe59g> for manuscript

- Jekel, M.**, & Glöckner, A. (03/2012). Doing justice to Benjamin Franklin's ideas: Overestimation of the use of heuristics due to problematic implementations of weighted compensatory strategies. Talk at 54. Tagung experimentell arbeitender Psychologen (TeaP), Mannheim, Germany.
- Jekel, M.**, Glöckner, A., Fiedler, S., & Maydych, V. (01/2012). How to (easily) test competing models in decision making: From process measures of decision behavior to model evaluation. Talk at 50th Annual Edwards Bayesian Research Conference, Los Angeles, USA.
- 2011 **Jekel, M.**, Glöckner, A., & Fiedler, S. (08/2011). How to compare process models for decision making: A multiple measure maximum likelihood approach to model evaluation. Talk at Subjective Probability, Utility, and Decision Making Conference (SPUDM), Kingston, England.
- Jekel, M.**, & Glöckner, A. (03/2011). Rationalität des Parallel Constraint Satisfaction Netzwerkmodells in feedbackarmen Umwelten. Talk at 53. Tagung experimentell arbeitender Psychologen (TeaP), Halle, Germany.
- 2010 **Jekel, M.** (03/2010). Der Einfluss des Samplings auf die Akkuratheit von Strategien. Talk at 52. Tagung experimentell arbeitender Psychologen (TeaP), Saarbrücken, Germany.
- 2009 **Jekel, M.**, Bröder, A., Trakowski, A., Schneider, K. K., Jannes, K., & Nett, N. (08/2009). Desired level of confidence: Reliability and validity. Talk at Subjective Probability, Utility, and Decision Making Conference (SPUDM), Rovereto, Italy.
- Jekel, M.** (03/2009). Natural Sampling versus Selective Sampling: Akkuratheit der Vorhersage kompensatorischer und non-kompensatorischer Cue Integration in Abhängigkeit vom Sampling. Talk at 51. Tagung experimentell arbeitender Psychologen (TeaP), Jena, Germany.

Teaching

Teaching advanced classes and workshops on modeling cognitive and social processes in R at the University of Mannheim (2011), University of Marburg (2010), University of Landau (2009), and University of Bonn (2008).

Supervised bachelor-theses at the University of Bonn and currently supervising master- and bachelor-theses at the University of Göttingen.

Teaching bachelor classes on computer assisted data analysis, introduction to R, empirical-experimental practical, introduction to psychology, and the psychology of emotions at the University of Bonn.

Service to the Profession

Ad hoc reviewer for Acta Psychologica; British Journal of Mathematical and Statistical Psychology; Cognition & Emotion; Emotion Review; Journal of Behavioral Decision Making; Journal of Experimental Psychology: Learning, Memory, & Cognition; Journal of Socio-Economics; Judgment and Decision Making; MPI Preprints; Review of Psychology Frontier; Synthese