

Dr. Dipl.-Psych. Marc Jekel

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Born: October 7, 1979—Bonn, Germany
Nationality: German

Current Position

Post-Doctoral Researcher, University of Cologne

Areas of Specialization

Decision making; information distortion; coherence-based reasoning; artificial network-models; cognitive modeling; statistics and methods; open science

Appointments

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|-----------|---|
| 2018-now | Post-Doctoral Researcher (Akademischer Rat, permanent contract), Social Cognition Center Cologne, University of Cologne |
| 2016-2018 | Lecturer (Lehrkraft für bes. Aufg.), Institut für Psychologie, FernUniversität in Hagen |
| 2013-2017 | Guest researcher, Max-Planck Institute for Research on Collective Goods, Bonn |
| 2015-2016 | Researcher, Institut für Psychologie, FernUniversität in Hagen |
| 2014-2015 | Researcher, Georg-Elias-Müller-Institut für Psychologie, University of Göttingen |
| 2011-2014 | Researcher, 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)
2013-2014 Georg-Elias-Müller-Institut für Psychologie, University of Göttingen
2011-2013 Max-Planck Institute 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 Psychologie I (advisor: Prof. Dr. Arndt Bröder) |

Education

General

- 2007-2012 DR. PHIL., Rheinische Friedrich-Wilhelms-Universität Bonn, Germany
2000-2006 DIPL.-PSYCH., Ruprecht-Karls Universität Heidelberg, Germany
2003-2004 Studies in psychology, University of Illinois at Urbana-Champaign, USA

Workshops and visits (partially or fully funded by stipends)

- 08/2018 & 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).

Service to the Institution

- 2020-2022 Member of “Rektorats-Tenure-Kommission” at University of Cologne

Service to the Profession

- 2021-now Member of the editorial board of Behavioral Decision Making

Ad hoc reviewer for Acta Psychologica; British Journal of Mathematical and Statistical Psychology; Cognition & Emotion; Cognitive Processing; Cognitive Science; Emotion Review; European Journal of Psychological Assessment; Journal of Behavioral Decision Making; Journal of Behavioral and Experimental Economics; Journal of Business Research; Journal of Cognitive Psychology; Journal of Economic Psychology; Journal of Experimental Psychology: Applied; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Mathematical Psychology; Journal of Socio-Economics; Judgment and Decision Making; Medical Decision Making; Memory & Cognition; MPI Preprints; Psychonomic Bulletin & Review; Organizational Behavior and Human Decision Processes; PeerJ; Quarterly Journal of Experimental Psychology; Review of Psychology Frontier; Social Cognition; Social Psychology; Synthese; and more (see link below)

See also <https://publons.com/researcher/1497414/marc-jekel/peer-review/>

CV last updated: November 2, 2021

Publication list

19 articles, 1 chapter, 6982 citations
(according to Google Scholar; Sept 2021)

Publications in peer-reviewed journals

- 2021 Scharf, S., **Jekel, M.**, & Glöckner, A. (2021). Awareness of option attractiveness increases the attraction search effect: Modeling the awareness effect in an extended iCodes model. *Decision*.
- Bröder, A., Scharf, S., **Jekel, M.**, Glöckner, A., & Franke, N. (2021). Salience effects in information acquisition: No evidence for a top-down coherence influence. *Memory & Cognition*.
- 2020 **Jekel, M.**, Fiedler, S., Allstadt Torras, R., Mischkowski, D., Dorrough, A. R., & Glöckner, A. (2020). How to teach open science principles in the undergraduate curriculum—the Hagen Cumulative Science Project. *Psychology Learning & Teaching*, 19, 91–106.
- Nett, T., Dorrough, A. R., **Jekel, M.**, & Glöckner, A. (2020). Perceived biological and social characteristics of a representative set of German first names. *Social Psychology*, 51, 17–34.
- 2019 **Jekel, M.** (2019). Empirical content as a criterion for evaluating models. *Cognitive Processing*, 20, 273–275.
- 2018 Betsch, T., Lehmann, A., **Jekel, M.**, Lindow, S., & Glöckner, A. (2018). Children's application of decision strategies in a compensatory environment. *Judgment and Decision Making*, 13, 514–528.
- Jekel, M.**, Glöckner, A., & Bröder, A. (2018). A new and unique prediction for cue-search in a parallel-constraint satisfaction network model: The attraction search effect. *Psychological Review*, 125, 744–768.
- Jekel, M.**, & Glöckner, A. (2018). Meaningful model comparisons have to include reasonable competing models and also all data: A rejoinder to Rieskamp (in press). *Journal of Behavioral Decision Making*, 31, 289–293.
- Jekel, M.**, & Glöckner, A. (2018). How to identify strategy use and adaptive strategy selection: The crucial role of chance correction in weighted compensatory strategies. *Journal of Behavioral Decision Making*, 31, 289–293.
- 2017 Koscholke, J., & **Jekel, M.** (2017). Probabilistic coherence measures: A psychological study of coherence assessment. *Synthese*, 194, 1303–1322.
- 2016 Ashby, N. J. S., **Jekel, M.**, Dickert, S., & Glöckner, A. (2016). Finding the right fit: A comparison of cognitive process assumptions underlying popular drift-diffusion models. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 42, 1982–1993.
- 2015 Open Science Collaboration. (2015). Estimating the reproducibility of psychological science. *Science*, 349(6251).
- 2014 Glöckner, A., Hilbig, B. E., & **Jekel, M.** (2014). What is adaptive about adaptive decision making? A parallel constraint satisfaction theory for decision making. *Cognition*, 133, 641–666.
- 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.

Chapter and dissertation

- 2019 Glöckner, A., & **Jekel, M.** (2019). Testing cognitive models by a joint analysis of multiple dependent measures. In M. Schulte-Mecklenbeck, A. Kuehberger, & J. G. Johnson (Eds.), *A Handbook of Process Tracing Methods: 2nd Edition* (pp. 356–373). New York, NY: Routledge.
- 2012 **Jekel, M.** (2012). *Validierung des Desired Level of Confidence*. Retrieved from <https://d-nb.info/102144491X/34>

Grants

Total sum: about 516.000€

2022-2025 *Replicating failed replications: A validity-based framework for predicting replication success* (JE 746/2-1); grant awarded by the German Research Foundation (DFG) as part of the priority program “META-REP: A meta-scientific programme to analyse and optimise replicability in the behavioural, social, and cognitive sciences” (SPP 2317)

Amount: 237.866€

2021-2024 *Coherence-based reasoning: Modelling integration and search of sequentially presented information* (JE 746/1-1); grant awarded by the German Research Foundation (DFG)

Amount: 275.254€

2020-2021 *Attraction Search Effect and Social Value Orientation*; C-SEB Junior Start-Up Grant, University of Cologne

Amount: 2.250€

2014 Conducting a replication study; funded by Center for Open Science (together with Dr. Andreas Glöckner)

Amount: \$850