

Julia M. Rohrer

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Education

- 2019 Doctor rerum naturalium, Leipzig University
- 2016 MSc Psychology, Leipzig University
- 2014 BSc Psychology, Leipzig University

Professional positions & research visits

- October 2024 - present Akademische Assistentin at the Department of Psychology, Leipzig University.
- May 2024 - September 2024 Vertretungsprofessur Psychology Methodenlehre W2 (temporary professorship, Psychological Methods) at the Department of Psychology, Leipzig University
- June 2022 - July 2023 Maternal leave.
- October 2020 - May 2022 Akademische Assistentin at the Department of Psychology, Leipzig University.
- July 2019 - September 2020 Maternal leave.
- 2016 - 2019 Fellow of the International Max Planck Research School on the Life Course, Max Planck Institute for Human Development (Berlin) with affiliation to the German Institute for Economic Research (DIW, Berlin).
- 2017 3-month research visit, Institute for Social Research, University of Michigan
- 2013 - 2016 Teaching & research assistant at the Leipzig University (statistics, personality psychology) and at the University of Mainz (personality psychology)
- 2016 2.5-month research visit, Personality & Well-Being Lab, Department of Psychology, Michigan State University
- 2013 1.5-month research internship, German Socio-Economic Panel Study, DIW Berlin

Peer-reviewed publications

-  Rohrer, J. M., McElreath, R., & Kachel, G. (2026). Why did the gender gap in adolescent life satisfaction grow? Evaluating methodological and demographic explanations. *Journal of Happiness Studies*. doi:10.1007/s10902-026-01068-6
[Link to article](#)
-  Rauthmann, J., Armbruster, D., Asselmann, E., Berkessel, J. B., Bleidorn, W., Buecker, S., ... & Zimmermann, J. (2026). Die Differentielle und Persönlichkeitspsychologie im Jahr 2025 [Personality Psychology in 2025: Status, Developments, and Prospects]. *Psychologische Rundschau*. doi:10.1026/0033-3042/a000737
[Link to article \(German\)](#), [Link to English translation](#)
-    Rohrer, J. M. & Arel-Bundock, V. (2026). Models as prediction machines: How to convert confusing coefficients into clear quantities. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459261424825
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-   Botzet, L. J., Rohrer, J.M., Penke, L., & Arslan, R. C. (2026). Positive treatment effects and high heterogeneity of hormonal contraceptive use on women's sexuality. *Personality Science*. doi:10.1177/27000710251405173*
[Link to article](#)
* Registered Report Stage 2 and 1.
Peer-reviewed & recommended by Peer Community In: Registered Reports.
-   Botzet, L. J., Rohrer, J.M., Penke, L., & Arslan, R. C. (2025). No average treatment effect and low heterogeneity of hormonal contraceptive use on women's well-being. Registered Report Stage 2. *Peer-reviewed & recommended by Peer Community In: Registered Reports*.
[Link to peer-reviewed final manuscript \(Stage 2\)](#)
-    Mader, N., Rohrer, J. M., Schmukle, S. C., Buecker, S., Denissen, J. J. A., Dufner, M., Horstmann, K. T., & Arslan, R. C. (2025). Estimating the reliability and stability of emotional variability across time. *Collabra: Psychology*.
doi:10.1525/collabra.147341
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-  Rohrer, J.M. & Paulewicz, B. (2025). Rethinking measurement invariance causally. *Current Research in Ecological and Social Psychology*.
doi:10.1016/j.cresp.2025.100241.
[Link to article](#)
-   Rohrer, J. M. (2025). Thinking clearly about age, period, and cohort effects. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/251524592513427
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-  Rohrer, J. M., Smith, G. D., & Munafò, M. (2025). What can be learned when multiple analysts arrive at different estimates. *European Journal of Epidemiology*.
doi:10.1007/s10654-025-01249-2
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-  Schmukle S.C. & Rohrer J.M. (2025). Clarifying the choice of confidence intervals in psychological testing: A Comment on Stanley and Spence (2024). *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459251328281
[Link to article](#)
-  van Dongen, N. N. N., Finnemann, A., de Ron, J., Tiokhin, L., Wang, S. B., Algermissen, J., Altmann, E. C., Chuang, L.-C., Dumbravă, A., Bahník, Š., Fuenderich, J., Geiger, S. J., Gerasimova, D., Golan, A., Herbers, J., Jekel, M., Lin, Y.-S., Moreau, D., Oberholzer, Y., ... Borsboom, D. (2025). Practicing theory building in a many modelers hackathon: A proof of concept. *Meta-Psychology*. doi:10.15626/MP.2023.3688
[Link to article](#)

-  Rohrer, J. M., & Wenz, S. E. (2024). Inappropriate causal assumptions underlie Killingsworth, Kahneman, and Mellers' conclusions. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.231371212

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Bailey, D. H., Jung, A. J., Beltz, A. M., Eronen, M. I., Gische, C., Hamaker, E. L., Kording, K. P., Lebel, C., Lindquist, M. A., Moeller, J., Razi, A., Rohrer, J. M., Zhang, B., & Murayama, K. (2024). Causal inference on human behaviour. *Nature Human Behaviour*. doi:10.1038/s41562-024-01939-z

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-   Rohrer, J. M., Seifert, I. S., Arslan, R. C., Sun, J., & Schmukle, S. C. (2024). The effects of satisfaction with different domains of life on general life satisfaction vary between individuals (but we cannot tell you why). *Collabra: Psychology*. doi:10.1525/collabra.121238

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-  Lucas, R. E., & Rohrer, J. M. (2024). On the robustness of reciprocal associations between personality and religiosity in a German sample. *Journal of Personality*. doi:10.1111/jopy.12964

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-  Clarke, B., Alley, L. J., Ghai, S., Flake, J. K., Rohrer, J. M., Simmons, J. P., Schiavone, S. R., & Vazire, S. (2024). Looking our limitations in the eye: A call for more thorough and honest reporting of study limitations. *Social and Personality Psychology Compass*. doi:10.1111/spc3.12979

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-  Chatton, A., & Rohrer, J. M. (2024). The Causal Cookbook: Recipes for propensity scores, g-computation, and doubly robust standardization. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459241236149

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-  Seifert, I. S., Rohrer, J. M., & Schmukle, S. C. (2024). Using within-person change in three large panel studies to estimate personality age trajectories. *Journal of Personality and Social Psychology*. doi:10.1037/pspp0000482

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-  Rohrer, J. M. (2024). Causal inference for psychologists who think that causal inference is not for them. *Social and Personality Psychology Compass*. doi:10.1111/spc3.12948

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-  Grosz, M. P., Ayaita, A., Arslan, R. C., Buecker, S., Ebert, T., Hünermund, P., Müller, S., Rieger, S., Zapko-Willmes, A., Rohrer, J. M. (2024). Natural Experiments: Missed Opportunities for Causal Inference in Psychology. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459231218610

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-   Krämer, M. D., Rohrer, J. M., Lucas, R. E., & Richter, D. (2024). Life events and life satisfaction: Estimating effects of multiple life events in combined models. *European Journal of Personality*. doi:10.1177/08902070241231017

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-   Mader, N., Arslan, R. C., Schmukle, S. C., & Rohrer, J. M. (2023). Emotional (in)stability: Neuroticism is associated with increased variability in negative emotion after all. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.2212154120

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-  Rohrer, J. M., & Murayama, K. (2023). These are not the effects you are looking for: Causality and the within-/between-person distinction in longitudinal data analysis. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459221140842

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-  Deffner, D., Rohrer, J. M., & McElreath, R. (2022). A causal framework for cross-cultural generalizability. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/25152459221106366

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-   Haber, N. A., Wieten, S. E., Rohrer, J. M., ... & Fox, M. P. (2022). Causal and Associational Language in Observational Health Research: A Systematic Evaluation. *American Journal of Epidemiology*. doi:10.1093/aje/kwac137

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-   Dudek, T., Brenøe, A. A., Feld, J., & Rohrer, J. M. (2022). No evidence that siblings' gender affects personality across nine countries. *Psychological Science*. doi: 10.1177/09567976221094630

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-  Rohrer, J. M., Hünermund, P., Arslan, R. C., & Elson, M. (2022). That's a lot to process! Pitfalls of Popular Path Models. *Advances in Methods and Practices in Psychological Science*. doi: 10.1177/25152459221095827

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-  Seifert, I. S., Rohrer, J. M., Egloff, B., & Schmukle, S. C. (2022). The Development of the Rank-Order Stability of the Big Five Across the Life Span. *Journal of Personality and Social Psychology: Personality Processes and Individual Differences*. doi: 10.1037/pspp0000398

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Rohrer, J., Schmukle, S., & McElreath, R. (2022). The only thing that can stop bad causal inference is good causal inference. *Behavioral and Brain Sciences*, doi:10.1017/S0140525X21000789
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Nosek, B. A., Hardwicke, T. E., Moshontz, H., Allard, A., Corker, K. S., Dreber, A., Fidler, F., Hilgard, J., Kline Struhl, M., Nuijten, M., Rohrer, J. M., Romero, F., Scheel, A., Scherer, L., Schönbrodt, F., & Vazire, S. (2021). Replicability, Robustness, and Reproducibility in Psychological Science. *Annual Review of Psychology*. doi: 10.1146/annurev-psych-020821-114157
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 Atherton, O.E., Chung, J.M., Harris, K., Rohrer, J.M., Condon, D.M., Cheung, F., Vazire, S., Lucas, R.E., Donnellan, M.B., Mroczek, D.K., Soto, C.J., Antonoplis, S., Damian, R.I., Funder, D.C., Srivastava, S., Fraley, R.C., Jach, H., Roberts, B.W., Smillie, L.D., Sun, J., Tackett, J.L., Weston, S.J., Harden, K.P., & Corker, K.S. (2021). Why has personality psychology played an outsized role in the credibility revolution? *Personality Science*. doi: 10.5964/ps.6001
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   Rohrer, J.M., Keller, T., & Elwert, F. (2021). Proximity Can Induce Diverse Friendships: A Large Randomized Classroom Experiment. *PLOS ONE*. doi: 10.1371/journal.pone.0255097
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  Rohrer,* J. M., & Arslan,* R. C. (2021). Precise Answers to Vague Questions: Issues with Interactions. *Advances in Methods and Practices in Psychological Science*. doi: 0.1177/25152459211007368.
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* contributed equally

   Rohrer, J. M., Tierney, W., Uhlmann, E. L., DeBruine, L. M., Heyman, T., Jones, B., Schmukle, S. C., Silberzahn, R., Willén, R. M., Carlsson, R., Lucas, R. E., Strand, J., Vazire, S., Witt, J. K., Zentall, T. R., Chabris, C. F., & Yarkoni, T. (2021). Putting the Self in Self-Correction: Findings from the Loss-of-Confidence Project. *Perspectives on Psychological Science*. doi: 10.1177/1745691620964106
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 Engzell,* P., & Rohrer,* J. M. (2020). Improving Social Science: Lessons from the Open Science Movement. *PS: Political Science & Politics*. doi: 10.1017/S1049096520000967
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* contributed equally

 Grosz, M. P., Rohrer, J. M., & Thoemmes, F. (2020). The Taboo Against Explicit Causal Inference in Nonexperimental Psychology. *Perspectives on Psychological Science*. doi: 10.1177/1745691620921521

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-   Botzet, L. J., [Rohrer, J. M.](#), & Arslan, R. C. (2020). Analysing Effects of Birth Order on Intelligence, Educational Attainment, Big Five, and Risk Aversion in an Indonesian Sample. *European Journal of Personality*. doi: 10.1002/per.2285
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-  Weston, S. J., Ritchie, S. J., [Rohrer, J. M.](#), & Przybylski, A. K. (2019). Recommendations for Increasing the Transparency of Analysis of Pre-Existing Datasets. *Advances in Methods and Practices in Psychological Science*. doi: 10.1177/2515245919848684
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-  Brown, N. J., & [Rohrer, J. M.](#) (2019). Easy as (Happiness) Pie? A Critical Evaluation of a Popular Model of the Determinants of Well-Being. *Journal of Happiness Studies*. doi: 10.1007/s10902-019-00128-4
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-  Meyer, P., Schophaus, F. M., Glassen, T., Riedl, J., [Rohrer, J. M.](#), Wagner, G. G., von Oertzen, T. (2019). Using the Dirichlet Process to Form Clusters of People's Concerns in the Context of Future Party Identification. *PLOS ONE*. doi:10.1371/journal.pone.0212944
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-    [Rohrer, J. M.](#), Richter, D., Brümmer, M., Wagner, G. G., Schmukle, S. C. (2018). Successfully Striving for Happiness: Socially Engaged Pursuits Predict Increases in Life Satisfaction. *Psychological Science*. doi:10.1177/0956797618761660
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-  [Rohrer, J. M.](#) (2018). Thinking Clearly About Correlations and Causation: Graphical Causal Models for Observational Data. *Advances in Methods and Practices in Psychological Science*. doi:10.1177/2515245917745629
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-   [Rohrer, J. M.](#), & Schmukle, S. C. (2018). Individual Importance Weighting of Domain Satisfaction Ratings Does Not Increase Validity. *Collabra: Psychology*. doi:10.1525/collabra.116
[Link to article](#), [OSF project](#)
- [Rohrer, J. M.](#), Brümmer, M., Schupp, J., & Wagner, G. G. (2018). Worries Across Time and Age in the German Socio-Economic Panel Study. *Journal of Economic Behavior and Organization*. doi:10.1016/j.jebo.2018.02.012.
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-   [Rohrer, J. M.](#), & Lucas, R. E. (2018). Only so Many Hours: Correlations Between Personality and Daily Time Use in a Representative German Panel. *Collabra: Psychology*. doi:10.1525/collabra.112

[Link to article](#), [OSF project](#)

-   Rohrer, J. M., Egloff, B., Kosinski, M., Stillwell, D., & Schmukle, S. C. (2018). In Your Eyes Only? Discrepancies and Agreement Between Self- and Other-Reports of Personality from age 14 to 29. *Journal of Personality and Social Psychology: Personality Processes and Individual Differences*. doi:10.1037/pspp0000142
[Link to article](#), [preprint](#), [OSF project](#)
-  Rohrer, J. M., Egloff, B., & Schmukle, S. C. (2017). Probing Birth-Order Effects on Narrow Traits Using Specification Curve Analysis. *Psychological Science*. doi:10.1177/0956797617723726
[Link to article](#), [preprint](#), [OSF project](#)
-   Rohrer, J. M., Brümmer, M., Schmukle, S. C., Goebel, J., & Wagner, G. G. (2017). „What Else Are You Worried About?“ – Integrating Textual Responses into Quantitative Social Science Research. *PLOS ONE*. doi:10.1371/journal.pone.0182156
[Link to article](#), [OSF project](#)
-   Rohrer, J. M., Egloff, B., & Schmukle, S. C. (2015) Examining the Effects of Birth Order on Personality. *Proceedings of the National Academy of Sciences*. doi:10.1073/pnas.1506451112
[Link to article](#), [OSF project](#)

Conference contributions

- 2025 Chaired symposium: Improving inference about individual differences across designs. Talk: [Improving inferences about personality development with new approaches to the age-period-cohort problem](#). DPPD 2025.
Talk: [Teaching research methods with causal graphs](#), Applied Causal Graphs Workshop 2025.
- 2024 Chaired symposium: Less Wrong: Better Modeling for Better Inferences.
Talk: [Does it Matter Whether Anyone Likes Mondays?](#) 21st European Conference on Personality.
- 2023 Talk: Die Effekte von Zufriedenheit mit Lebensbereichen auf die allgemeine Lebenszufriedenheit, Meeting of the Personality Division of the German Association for Psychology (DPPD).
- 2021 Keynote: [Tackling the Elephant in the Room: Better Science Needs Better Causal Inference](#), Conference of the Association for Interdisciplinary Meta-Research and Open Science (AIMOS).
Discussant: [Correcting Historical Errors](#), Conference of the Association for Interdisciplinary Meta-Research and Open Science (AIMOS).

- Talk: [Making Sense of Interindividual Differences in Intraindividual Well-Being Associations](#), Meeting of the Personality Division of the German Association for Psychology (DPPD).
- Discussant: [Panel “How may we actually DO better science?”](#), Meeting of the Personality Division of the German Association for Psychology (DPPD).
- 2018 Talk: [Successfully Striving for Happiness](#), 19th European Conference on Personality.
- Talk: [Stolpersteine der automatischen Textanalyse – Pitfalls of Automated Text Analysis](#), Conference of the Center for Quantitative Empirical Social Sciences (QuanteL) at the Leipzig University.
- 2017 Chaired symposium: Pursuing Happiness. Old Questions, New Answers, Methodological Innovations. Talk: [Socially-Embedded Strategies Predict Positive Changes in Life Satisfaction](#), Meeting of the Personality Division of the German Association for Psychology (DPPD).
- Poster: [Shifting Priorities. Age Changes in the Associations Between Domain Satisfaction and General Life Satisfaction](#), Conference of the Association for Research in Personality.
- 2016 Talk: [The Observer’s Perspective on Personality Maturation](#), 50. Congress of the German Association for Psychology.
- Poster: [In Your Eyes Only? Discrepancies and Agreement Between Self- and Peer-Reports of Personality from Age 14 to 29](#), 18th European Conference on Personality.
- 2015 Talk: [Worries and Personality. Results from the Analysis of Free Text Answers](#), Meeting of the Personality Division of the German Association for Psychology (DPPD).
- 2014 Poster: [Birth Order Effects on Personality](#), 17th European Conference on Personality.

Invited talks & workshops

- 2026 Invited talk: [Developmental Causality Medley](#), Centre for Brain and Cognitive Development, University of London, London.
- Invited talk: [An introduction to causal graphs & causal graphs for missing data](#), Department of Psychology, Uppsala University, Uppsala.
- Workshop: [Causal inference](#), Symposium Science: To Be Determined, German Centre for Integrative Biodiversity Research (iDiv), Leipzig.
- 2025 Invited talk: [Trust the process? \(Causal\) mediation analysis](#), Ludwig Maximilian University of Munich, Munich.
- Invited talk: [Thinking more clearly about correlations and causation with causal graphs](#), Ben-Gurion University of the Negev, Beersheba.

Invited talk: Models as prediction machines: [How to convert confusing coefficients with *marginaleffects*](#), Laboratory for Computation & Language in Minds & Brains, Stanford University.

Invited talk: [Making rigorous causal inference more mainstream](#), Causal Inference Interest Group, Centre for Longitudinal Studies, UCL, London.

Invited talk: [Thinking clearly about correlations and causation](#), Meet the Experts, Linz School of Education, Linz.

Invited talk: [Everything is causal inference \(and causal inference is all the same\)](#), IMPRS LIFE Seminar, Max Planck Institute for Human Development, Berlin.

Invited talk: [Thinking more clearly about correlations and causation with the help of causal graphs](#), Institutskolloquium, University of Wuppertal, Wuppertal.

Invited workshop: [Trust the process? \(Causal\) mediation analysis](#), University of Wuppertal, Wuppertal.

Invited talk: [How can we make rigorous causal inference more mainstream?](#), EuroCIM 2025, Ghent.

Invited talk: [Causal inference based on observational data \(or really any type of data\)](#), Department of Public Health and Primary Care, Ghent University, Ghent.

Invited talk: [Thinking clearly about correlations and causation with the help of causal graphs](#), research seminar series at Oxford Brookes, Oxford.

Invited talk: [Causal inference based on observational data \(or really any type of data\)](#), Cognition Academy, Max Planck Institute for Cognitive and Brain Sciences, Leipzig.

Invited talk: [Clarifying correlation and causation in intergroup contact research](#), Contact Colloquium of the International Contact Research Network.

Invited talk: [Everything is causal inference](#), Data Science Brown Bag Series at the Hertie School of Governance, Berlin.

Invited talk: [Causal inference for the experimentalist \(and everybody else\)](#), Experimental Organization Science (EOS) Masterclass.

Invited talk: [Thinking clearly about age, period, and cohort effects](#), Research Colloquium Analytical Sociology, Ludwig Maximilian University of Munich, Munich.

2024 Invited talk: [\(How\) Do siblings shape our personalities?](#) IMPRS LIFE Seminar, Max Planck Institute for Human Development, Berlin.

Invited talk: [Large parts of psychological research are not even unreplicable](#), Kick-off meeting of the Incubator for Collaborative and Transparent Economic Sciences (Lab²), Wissenschaftszentrum Berlin für Sozialforschung, Berlin.

Webinar contribution: [Causal graphs as a simple yet effective reasoning tool](#), Causality, evidence and policy in behavioural research, Behavioural Research UK (BR-UK), University of Edinburgh.

Invited talk: [Causal confusions lead to casual conclusions](#), Berlin Epidemiological Methods Colloquium, Charité, Berlin.

Workshop contribution: [Causal graphs in psychology](#), 1st Berlin Applied Causal Graphs Workshop, Hertie School, Berlin.

Invited talk: [Directed acyclic graphs as a tool to reason about causality](#), Seminar Series in Quantitative Life Sciences and Medicine, McGill University, Montreal.

Invited talk: [Everything is causal inference \(and causal inference is all the same\)](#), Academy of the Max Planck School of Cognition, Leipzig.

Invited talk: [Yes, but what's your estimand? Transparent analysis goals as a precondition for meaningful research](#), Open Science Initiative, Universität zu Lübeck.

Invited talk: [Thinking clearly about causation and correlation with directed acyclic graphs](#), Advanced Methods Seminar, Princeton.

2023 Invited talk: [Less casual causal inference for experiments and longitudinal data](#), Research talks series of the Department of Communication, University of Vienna.

Invited talk: [Causal Inference or: How to get the elephant in the room through the eye of the needle](#), Community of Advanced Methodological Learning, Caregie Mellon University.

Invited talk: [Korrelation impliziert keine Kausalität – aber was ist mit längsschnittlichen Korrelationen?](#) Methodenkompetenzzentrum, TU Chemnitz.

Invited talk: [Causal inference for the experimentalist \(and everybody else\)](#), Department Colloquium of Comparative Cultural Psychology, Max Planck Institute for Evolutionary Anthropology.

2022 Keynote talk: [“Yes, but what's your estimand?” – Improving Science Through Increased Research Goal Transparency](#), CIDER Spring Workshop, Leibniz Institute for Research and Information in Education.

Invited talk: [“Yes, but what's your estimand?” – Improving Science Through Increased Research Goal Transparency](#), Jacobs/CIFAR Workshop “Causal Inference from Longitudinal Data.”

Invited talk: [Graphical Causal Models for Fun and Profit](#), Academy of the Max Planck School of Cognition, Berlin.

Invited talk: [“Yes, but what's your estimand?” – Improving Science Through Increased Research Goal Transparency](#), Research seminar KU Leuven.

Invited talk: [The Only Thing that can Stop Bad Causal Inference is Good Causal Inference](#), Organizational Behavior & Human Resource Management, Justus-Liebig Universität Gießen.

2021 Invited talk: [Graphical Causal Models as a Reasoning Tool](#), Academy of the Max Planck School of Cognition, Berlin.

Invited talk: [Bessere Wissenschaft braucht bessere Kausalinferenz](#), Herbsttagung AG Dank, Gesellschaft für Klassifikation (Data Science Society)

Invited seminar session: [Open Science – Introduction](#), MSc Sport and Exercise Psychology, Leipzig University.

Invited talk and panel discussion: [Open Science](#), Internationales Netzwerktreffen der DAAD-Fachlektor*innen

Invited talk: [The Loss-of-Confidence Project](#), Max Planck Digital Library Open Science Days.

Keynote: [Less Casual Causal Inference](#), international workshop “From Data to Causes”, Methods Group Berlin, Humboldt University Berlin.

Invited talk: [The Loss-of-Confidence Project](#), ReproducibilityTea Journal Club LMU.

Invited talk: [Not Even Unreplicable: Vague Questions & Pseudo-Heterogeneity](#), UNSW Business School, UNSW Sydney.

Invited talk: [Cool Things You \(Probably\) Didn't Know You Needed: Graphical Causal Models](#), Experimental Psychology Seminar, University College London.

Invited talk: [Made a Huge Mistake — What now? Fostering a Culture of Second Chance](#), MeWell Community Zürich.

Invited talk: [Cool Things You \(Probably\) Didn't Know You Needed: Graphical Causal Models](#), Melbourne School of Psychological Science Colloquium.

Invited talk: [Less Casual Causal Inference](#), Quantitative Psychology Brown Bag, University of California Davis.

Invited talk: [Less Casual Causal Inference](#), Advanced Methods Seminar, Princeton.

Invited talk: [Less Casual Causal Inference](#), Chinese Open Science Network.

2020 Invited talk: [A Walk in the Garden of Forking Paths](#), RIOT Science Club.

Webinar: [Thinking Clearly about Correlation and Causation](#), APA Division 34 webinar series.

Invited colloquium talk: [Dealing with Researcher Degrees of Freedom in Data Analysis](#), Uni Erfurt.

2019 Keynote: [Tackling Bias with Preregistration and Registered Reports](#), Open Science Kick-off, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig.

Invited colloquium talk: Wissenschaft in der Vertrauenskrise: Open Science als Schritt hin zu verlässlicher Forschung – [Science in the Credibility Crisis: Open Science as a Step Towards Reliable Research](#), Faculty of Sport Science, Leipzig University.

Keynote: [The Magnificent Seven Years of Replication Crisis in Psychology: Lessons to Learn for Other Social Sciences](#), Open Social Science Conference, Mannheim.

2018 Invited colloquium talk: [A Walk Through the Garden of Forking Paths](#), TU Dresden.

Invited colloquium talk: [Shifting Priorities: Age Differences in the Correlates of Well-Being](#), University of Tilburg.

Invited colloquium talk: [Interindividual Differences in the Correlates of Global Life Satisfaction](#), University of Bristol.

Invited talk: [Open Science – An Overview](#), Open Science Hardware Symposium at the Technical University of Munich.

- 2017 Invited talk: [Tackling Deep-Rooted Problems of Psychological Research](#), Workshop on Research Methods in Social Sciences and Business, University of New South Wales, Sydney.
- Keynote: [How to Fix a Scientific Culture](#), European Conference on Python in Science, Erlangen.
- Workshop given: [Stats crash course for journalism students](#), part of a data journalism course at the University of Mainz.
- Invited colloquium talk: [Shifting priorities – The Impact of Domain Satisfaction on Life Satisfaction Across the Life Course](#), University of Basel.

Teaching

- **Personality psychology**, bachelor course, Leipzig University SS21 and SS22
- **Psychological assessment and test theory**, bachelor course, Leipzig University WS 21/22 and WS 24/25
- **Test design**, master course, Leipzig University WS20/21, WS21/22, WS 23/24, WS 24/25, and WS 25/26
- **Introduction to research methods**, bachelor course, Leipzig University WS24/24 and WS 25/26
- **Statistics II**, bachelor course, Leipzig University, SS 24
- Multivariate statistics, evaluation and research methods, master course, Leipzig University SS 24

General audience

Media presence My research and Open Science engagement have been covered by a number of media outlets, among others 3sat, ABC, arte, BBC, Deutschlandfunk, Deutschlandradio, Frankfurter Allgemeine Zeitung, Huffington Post, Le Monde, MDR, NBC, NDR, NPR: Science Friday, Neue Zürcher Zeitung, Psychology Today, Radioeins, Spektrum, Süddeutsche Zeitung, SWR, The Guardian, The New York Times, Time Magazine, Vox.com, WDR, ZDF, Zeit online, Zeit Wissen.

Podcast appearances ARD „Die großen Fragen in 10 Minuten“: Werden Einzelkinder zu Egoisten? ([link](#))

BBC World Service: What in the World, Does birth order shape your personality? ([link](#))

Decoding the Gurus: Open Science, Psychology, and the Art of Not Quite Claiming Causality with Julia Rohrer ([link](#))

This Little Life Podcast: Inside your child's personality ([link](#))

NDR Info Synapsen: Wie sehr prägen uns unsere Geschwister? ([link](#))

Causal Bandits Podcast: Causal Inference, Human Behavior, Science Crisis & The Power of Causal Graphs ([link](#))

Aha! Zehn Minuten Alltags-Wissen: Geschwister – Das bedeutet die Reihenfolge für die Persönlichkeit ([link](#))

The Guardian – Science Weekly: Classic older child? What the science says about birth order and personality ([link](#))

- Wissen Weekly, Family: Wie beeinflussen Geschwister unsere Persönlichkeit? ([link](#))
- ReproducibiliTea Podcast, SpecialiTea 3: Julia Rohrer ([link](#))
- Personality Psychology Podcast, #1 Introducing personality psychology with Julia Rohrer & Jaap Denissen ([link](#))
- Science Friday, When Scientists Get It Wrong ([link](#))
- Two Psychologists Four Beers, The C-Word (with Julia Rohrer) ([link](#))
- The Bayes Factor, Julia Rohrer and Anne Scheel ([link](#))
- 2017 Newspaper article: [Hauptsache gesund und ein Leben in Frieden](#), Frankfurter Allgemeine Zeitung, print issue 27 January; article about civic participation written together with Martin Brümmer and Gert G. Wagner.
- 2016 Talk: [Lebensqualität in Deutschland](#), Veranstaltung des Sachverständigenrats für Verbraucherfragen; talk on quality of life in Germany for the Advisory Council for Consumer Affairs together with Martin Brümmer and Gert G. Wagner.

Additional training received

- 2022 [Train-the-Trainer Research Data Management](#), two days of training for the facilitation of workshops on research data management, DFG-funded project FDNNext
- 2018 [Summer School on Socioeconomic Inequality](#), weeklong summer school organized by the Human Capital and Economic Opportunity Global Working Group (HCEO), University of Chicago, and the briq Institute on behavior & inequality, Bonn
- 2017 [Predictive Modeling/Machine Learning](#), Florian Pargent and Clemens Stachl, held at the Meeting of the Personality Division of the German Association for Psychology
- 2016 [Multilevel Analyses in R](#), Jenny Wagner, held at Leipzig University
- 2015 [Causal Identification in Social Research](#), Felix Elwert, held at Zentrum für quantitative Methoden der empirischen Sozialforschung, Leipzig University
- [Strukturgleichungsmodelle mit R \(Structural equation modeling in R\)](#), Maike Luhmann, held at the Meeting of the Personality Division of the German Association for Psychology
- Statische und dynamische Modelle zur Analyse von Längsschnittdaten in der psychologischen Forschung ([Static and dynamic models for the analysis of longitudinal data in psychological research](#)), Manuel Völkle, held at the Meeting of the Methods & Evaluation Division of the German Association for Psychology

Funding & Awards

- 2023 Student teaching award (first place) at the Wilhelm Wundt Institute for Psychology, Leipzig University.

- 2022 Pre-Doc Award, one year of funding to support my student Isabel Gebhardt in the preparation of her doctoral research
- 2021 Student teaching award (first place) at the Wilhelm Wundt Institute for Psychology, Leipzig University.
- 2021 Förderung „Digitale Hochschulbildung“ BMBF, „Was, wie warum? Einstiegskurs Kausale Inferenz“
- 2019 Tanaka Dissertation Award by the Association for Research in Personality.
- 2016 -2019 PhD scholarship, International Max Planck Research School on the Life Course.
- 2019 Grant for a research visit to the University of Illinois Urbana-Champaign, German Academic Exchange Service (DAAD) – grant awarded but declined because of pregnancy.
- 2018 [Preregistration Challenge](#) prize awarded for Rohrer, Richter, Brümmer, Wagner, & Schmukle (2018).
- 2018 EAPP scholarship, Travel grant, 19th European Conference on Personality.
- 2017 Research visit grant, University of Michigan.
- 2016 PROMOS scholarship, German Academic Exchange Service (DAAD).
EAPP travel grant, 18th European Conference on Personality.

Roles

- | | |
|------------------|---|
| Editor | <p>Senior Editor for Psychological Science (since 2025), Recommender (action editor) for PCI RR (Peer Community In: Registered Reports)</p> <p>Past roles: Statistics, Transparency and Rigor (STAR) Editor for Psychological Science (2024), Associate Editor for the European Journal of Personality (2023-2024)</p> |
| Board membership | <p>Advances in Methods and Practices in Psychological Science (since 2022), Journal of Personality and Social Psychology: Personality and Individual Differences (since 2021), Personality Science (since 2021), Meta-Psychology (foundational advisory board member, since 2017), Journal of Personality (consultant editor since 2017).</p> <p>Past roles: European Journal of Personality (2021-2025),</p> |
| Reviewer | <p>Advances in Methods and Practices in Psychological Science, American Psychologist, Archives of Sexual Behavior, Asian Development Perspectives, Child Development, Collabra: Psychology, European Journal of Personality, Evolutionary Behavioral Science, Evolutionary Psychological Science, Journal of Personality and Social Psychology: Interpersonal Relations and Group Processes, Journal of Personality and Social Psychology: Personality and Individual Differences, Frontiers in Psychology, Journal of Well-Being Assessment</p> <p>Language Learning, Nature Human Behaviour, PeerJ, Personality and Social Psychology Bulletin, Personality and Social Psychology Review, Perspectives on Psychological Science, Plos One, Psychology Learning and Teaching, Psychological Methods, Psychological Science, Psychology of Women Quarterly, Public Opinion Quarterly, Royal Society Open Science, SAGE Open, Scandinavian Journal of Psychology, Social Psychology and Personality Science, Wellcome Trust...</p> |
| Member | <p>European Association of Personality Psychology, Deutsche Gesellschaft für Psychologie (Fachgruppen: Differentielle Psychologie, Persönlichkeitspsychologie und psychologische Diagnostik; Methoden & Evaluation)</p> |

Community & service

- 2024-2026 Member of the International Advisory Committee of the UK Reproducibility Network
- 2022 Founder of the Open Science Network Leipzig, a collection of open science related initiatives, individuals and projects in Leipzig: openscience-leipzig.org
- 2020 - 2022 Organization of an early-career writing group at the Department of Psychology, Leipzig University
- 2019 - 2022 Member of the Awards Committee of the Society for the Improvement of Psychological Science
- 2018 - 2020 Member of [Quantel](#), the Center for Quantitative Empirical Social Research at the Leipzig University
- 2017 - 2021 Advisory board member, Curate Science, crowdsourced platform to track, organize and evaluate replications of published findings in the social sciences.
- 2017 - present Blog on metascience, the100.ci, together with Anne Scheel, Malte Elson and Ruben C. Arslan.
- 2017 Founder of the Open Science Initiative Leipzig at the Department of Psychology, Leipzig University, with Stefan Schmukle.
- 2016 - 2017 Associate editor, in-mind.org, (peer-reviewed) online magazine for psychology.
- 2010 - 2015 Organization and facilitation of seminars and workshops for long-term volunteers, Service Civil International (SCI).
- 2011 - 2015 Science editor, Leipzig's independent university newspaper *student!* (now called *luhze*)