PAUL-CHRISTIAN BÜRKNER

GENERAL INFORMATION

Date of Birth 16 June 1991

Place of Birth Marburg, Germany

Vogelpothsweg 87, 44227 Dortmund, Germany Work Address

paul.buerkner@gmail.com Email https://paulbuerkner.com Website

KEY SCIENTIFIC METRICS

115 (peer-reviewed only) **Publications**

Funding 1,615,000 € (third-party only)

22,393 (source: GoogleScholar) Citations

h-index 40 (source: GoogleScholar)

WORK EXPERIENCE

since 2023 Full Professor for Computational Statistics

TU Dortmund Full Professor for Computational Statistics, Department of Statistics, TU University

Dortmund University, Germany.

2020-2023 Independent Junior Research Group Leader

University of Independent Junior Research Group Leader for Bayesian Statistics at the Stuttgart

Cluster of Excellence SimTech, University of Stuttgart, Germany.

2019-2020 Postdoctoral Researcher

Aalto University Postdoctoral researcher at the chair of Computational Probabilistic Modeling

(Prof. Dr. Vehtari), Aalto University, Department of Computer Science, Finland.

2014-2019 Research Associate

University of Research associate at the chair of Statistics and Methods (Prof. Dr. Holling),

Münster University of Münster, Department of Psychology, Germany.

HIGHER EDUCATION

2014-2017 University of Münster

PhD in Psychology Grade: Summa Cum Laude · Institute of Psychology

Title: Optimal Design and Bayesian Data Analysis. Received multiple awards (see the Awards section).

2014-2017 University of Hagen

Master of Grade: 1.3 · Institute of Mathematics

Mathematics Thesis: On the Statistics of Curie-Weiss-Distributed Random Variables.

> 2013-2014 University of Münster

Master of Grade: 1.1 · Institute of Psychology

Psychology Thesis: Adaptive Designs for Logistic Models with False Answers.

> 2011-2014 University of Hagen

Bachelor of Grade: 1.7 · Institute of Mathematics Mathematics Thesis: A Hull Operator for Complex Matroids.

> 2010-2013 University of Münster

Bachelor of Grade: 1.2 · Institute of Psychology

Psychology Thesis: Testing for Publication Bias in Diagnostic Meta-Analysis: A Simulation

Study.

RESEARCH FUNDING

DFG	Fried et al. (2024). Spatio-temporal Statistics for the Transition of Energy and Transport (Collaborative Research Center). <i>Funder: German Research Foundation</i> (<i>DFG</i>). Total: 12,540,000 €. Own share: 312,000 €.
DFG	Bürkner P. C. & Radev S. T. (2023). BayesFlow: Simulation Intelligence with Deep Learning. <i>Funder: German Research Foundation (DFG)</i> . 353,000 € .
DFG	Bürkner P. C. (2022). Intuitive Joint Priors for Bayesian Multilevel Models. <i>Funder: German Research Foundation (DFG)</i> . 238,000 € .
DFG	Bürkner P. C. (2022). Bayesian Distributional Latent Variable Models. <i>Funder: German Research Foundation (DFG)</i> . 238,000 € .
DFG	Bürkner P. C. & Bulling A. (2022). Amortized Bayesian Inference for Multilevel Models. <i>Funder: German Research Foundation (DFG)</i> . 232,000 €.
EXC SimTech	Guthke A. & Bürkner P. C. (2022). Data-Integrated Training of Surrogate Models for Uncertainty Quantification and Diagnostics of Complex Biological Systems. <i>Funder: Cluster of Excellence SimTech.</i> 285,000 €.
Cyber Valley	Bürkner P. C. (2021). Meta-Uncertainty in Bayesian Model Comparison. <i>Funder:</i> Cyber Valley Research Fund. 242,000 €.
EXC SimTech	Bürkner P. C. & Sedlmair M. (2021). Machine Learning for Bayesian Model Building. <i>Funder: Cluster of Excellence SimTech.</i> 285,000 €.
EXC SimTech	Bulling A. & Bürkner P. C. (2021). Bayesian Intent Prediction for Human-Machine Collaboration. <i>Funder: Cluster of Excellence SimTech.</i> 175,000 €.
ELLIS	Bulling A. Bürkner P. C., Kuchenbecker J. K., Pradel M., Schulte im Walde S., Staab S., Steinwart I., & Vu T. (2021). Stuttgart ELLIS Unit. <i>Funders: ELLIS Society and University of Stuttgart</i> .
	SELECTED AWARDS
GCPR	2023 · Best paper honorable mention award at the German Conference of Pattern Recognition (GCPR).
GCPR SIPS	
	Pattern Recognition (GCPR). 2020 · Mission award of the Society for Improving Psychological Science
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SIPS SIPS University of Münster German Society for Psychology University of	Pattern Recognition (GCPR). 2020 · Mission award of the Society for Improving Psychological Science (SIPS) for brms. 2020 · Commendation award of the Society for Improving Psychological Science (SIPS) for brms. 2018 · Award for the best dissertation 2017-2018 in Psychology at the University of Münster. 2017 · Gustav A. Lienert Award for the best methodological dissertation in
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SIPS SIPS University of Münster German Society for Psychology University of Münster German National Acad. Foundation brms posterior thurstonianIRT BayesFlow	Pattern Recognition (GCPR). 2020 · Mission award of the Society for Improving Psychological Science (SIPS) for brms. 2020 · Commendation award of the Society for Improving Psychological Science (SIPS) for brms. 2018 · Award for the best dissertation 2017-2018 in Psychology at the University of Münster. 2017 · Gustav A. Lienert Award for the best methodological dissertation in Psychology awarded by the German Society for Psychology (DGPs). 2017 · Award for the best lecture at the Institute of Psychology in Münster. 2014 · Scholarship of the German National Academic Foundation (Studienstiftung des deutschen Volkes). OPEN-SOURCE SOFTWARE Lead author · An R package for Bayesian regression models using Stan. Received multiple awards (see the Awards section). Lead author · An R package for working with posterior distributions. Lead author · An R Package for fitting Thurstonian IRT models. Author · A Python library for simulation-based Bayesian inference.

bayesim Author · An R package for simulations with Bayesian models.

bayehear Author · An R package for metrics to evaluate Bayesian models.

bayesfam Author · An R package for custom brms families.

bayesian Author · An R package to interface brms and tidymodels.

rstan Contributor · An R Interface to Stan.

bayesplot Contributor · An R package for visualizing Bayesian models.

projpred Contributor · An R package for projection predictive variable selection.

emmeans Contributor · An R package for estimating marginal means.

SELECTED PROFESSORSHIP CALLS

Full Professorship 2022 · Call for the Full Professorship (W3) in Computational Statistics,

Department of Statistics, TU Dortmund University, Germany. Accepted.

Full Professorship 2022 · Call for the Full Professorship (W3) in Data Analytics and

Computational Statistics, Department of Computer Science, University of

Konstanz, Germany.

SELECTED SCIENTIFIC INVOLVEMENT

Member since 2024 · Member of the comittee for the re-accreditation of Data Science

studies at TU Dortmund University.

Founding Member 2024 · Founding member of the Computational Clinical Psychology and

Psychotherapy Network (https://ccpp.network/) funded by the DFG.

Chairman 2024 · Chairman of the appointment committee for the associate professorship in Causality at TU Dortmund University.

Reviewer since 2024 · Reviewer in appointment procedures for professorships.

Organizer 2022 · Organizer of the 1st International SimTech Summer School, University

of Stuttgart. Co-Organizers: Benjamin Unger and Kristyna Pluhackova.

Reviewer since 2022 · Reviewer for major funding agencies. Selection: German Research

Foundation (DFG).

Member since 2021 · Member of the ELLIS Society (https://ellis.eu/).

Member 2021 – 2024 · Member of Cyber-Valley (https://cyber-valley.de/en).

Faculty Member 2021 – 2023 · Faculty Member of the International Max Planck Research

School for Intelligent Systems (IMPRS-IS; https://imprs.is.mpg.de/).

Founding Member 2021 – 2023 · Founding member of the Stuttgart ELLIS Unit

(https://ellis.eu/units/stuttgart).

Member since 2018 · Member of the Stan Development Team (https://mc-stan.org/).

Consultant since 2018 · Academic consultant in industry. Selection: Bayer (2018), Novartis

(since 2021), Axem (since 2022).

Editor 2018 – 2020 · Associate editor of Biostatistics.

Reviewer since 2014 · Reviewer for international journals and conferences. Selection:

AISTATS, Bayesian Analysis, Behavior Research Methods, Biometrical Journal, ICML, ICLR, Journal of Machine Learning Research, Journal of Probability and Statistics, Journal of Statistical Software, Journal of the Royal Statistical Society, Nature, Nature Ecology & Evolution, Nature Human Behaviour, NeurIPS,

Philosophical Transactions, Psychological Methods, Psychometrika,

Psychonomic Bulletin and Review, Statistics in Medicine.

SELECTED TALKS

Stan Conference 2024 · Oxford · Contributed Talk

Title: Generative Bayesian Modeling with Implicit Priors.

PHYSTAT-SBI 2024 · Munich · Invited Talk

Workshop Title: A Statistical Perspective on Simulation-Based Inference.

Bayes on the Beach 2024 · Gold Coast · Keynote

Conference Title: Does Bayes have to be slow? A glimpse into amortized Bayesian inference.

Oxford University 2023 · Oxford · Keynote

Title: Probabilistic Modeling for Ecology.

Princeton 2023 · online · Invited Talk

University Title: An Introduction to Bayesian Statistics.

DagStat 2022 · Hamburg · Contributed Talk

Conference Title: The sparse polynomial chaos expansion: a fully Bayesian approach with joint

priors on the coefficients and global selection of terms.

Psychoco 2021 · online · Keynote

Conference Title: Bayesian Item Response Models.

Oslo UseR Group 2021 · online · Invited Talk

Title: Bayesian multilevel modeling with brms.

Oxford University 2020 · online · Invited Talk

Title: Bayesian regression modeling.

Turku University 2020 · online · Invited Talk

Title: Bayesian multilevel modeling with brms.

TU Dortmund 2020 · online · Invited Talk

University Title: Bayesian multilevel modeling with brms.

Bayer 2020 · online · Invited Talk

Title: Bayesian multilevel modeling with brms.

Stat. Methods for 2019 · Potsdam · Keynote

Linguistics Title: A Principled Bayesian Workflow for Data Analysis.

University of 2019 · Essen · Invited Talk

Duisburg-Essen Title: A Principled Bayesian Workflow for Data Analysis.

DGPs Conference 2019 · Kiel · Contributed Talk

Title: Improving Convergence Diagnostics for MCMC Sampling Algorithms.

Stan Conference 2019 · Cambridge · Contributed Talk

 $\label{thm:constraint} \mbox{Title: Leave-Future-Out Cross-Validation for Bayesian Time-Series Models.}$

Multilevel 2019 · Utrecht · Keynote

Conference Title: Bayesian Multilevel Modeling with brms and Stan.

DagStat 2019 · Munich · Contributed Talk

Title: Leave-Future-Out Cross-Validation for Bayesian Time-Series Models.

Stan Conference 2018 · Helsinki · Contributed Talk

Title: Custom Response Distributions in brms.

EAM Conference 2018 · Jena · Contributed Talk

Title: Handling Ordinal Predictors in Regression Models via Monotonic Effects.

Bayes@Lund 2018 · Lund · Keynote

Title: Why Not to be Afraid of Priors.

DGPs Conference 2017 · Tübingen · Keynote

Title: Optimal Design and Bayesian Data Analysis.

eRum Conference 2016 · Poznan · Contributed Talk

 $\label{thm:main} \textbf{Title: } \textit{brms: An R Package for Bayesian Multilevel Models using Stan.}$

Int. Workshop on 2015 · Vienna · Contributed Talk

Simulation Title: Adaptive Designs for Logistic Models with False Answers.

DGPs Conference 2015 · Jena · Contributed Talk

Title: Optimal Design of Non-Parametric Two-Sample Tests.

SELECTED WORKSHOPS

Oxford University 2023 · Department of Biology · 1 day

Title: Bayesian modeling for biologists using brms.

University of 2023 · Center of Methods · 2 days

Tübingen Title: Bayesian modeling with the brms package.

TU Dortmund 2022 · Department of Statistics · 2 days

University Title: Bayesian Statistics.

University of 2022 · Department of Psychology · 2 days

Salzburg Title: Introduction to Bayesian Data Analysis.

Oxford University 2021 · Department of Zoology · 4 days

Title: Bayesian Regression Modelling for Biologists.

Research Cluster 2020 · Mannheim · 2 days

SMiP Title: Introduction to Stan: A Probabilistic Programming Language for Bayesian

Inference.

University of 2020 · Department of Economics and Business Economics · 1 day

Aarhus Title: Bayesian Model and Variable Selection.

MPI for Human 2019 · Göttingen · 1 day

Development Title: Bayesian Multilevel Modeling.

MPI for Emp. 2019 · Frankfurt · 2 days
Aesthetics Title: Bayesian Multilevel Modeling.

Multilevel 2019 · Utrecht · 1 day

Conference Title: Introduction to Bayesian Data Analysis.

DagStat 2019 · Munich · 1 day

Conference Title: Bayesian Data Analysis using Stan.

University of 2018 · Department of Psychology · 2 days

Lausanne Title: Introduction to Meta-Analysis.

University of 2018 · Department of Psychology · 4 days

Magdeburg Title: Introducing Basic and Advanced Bayesian Modelling.

University of 2018 · 4 days

Aarhus Title: Advanced Bayesian Statistical Modeling.

ETH Zurich 2018 · 1 day

Title: Classical and Bayesian Multi-Level Models in R.

University of 2017 · Department of Psychology · 2 days

Hamburg Title: Fitting Multi-Level Models in R.

DPPD Conference 2017 · Munich · 1 day

Title: Bayesian Multi-Level Models in R with brms.

University of Bern 2017 · Department of Psychology · 3 days

Title: Bayesian Multi-Level Models in R with brms.

University of 2017 Department of Psychology · 3 days

Münster Title: Introduction to Bayesian Inference.

University Paris 2017 · 1 day

Decardes Title: Introduction to Meta-Analysis.

DGPs Conference 2016 · Leipzig · 1 day

Title: Bayesian Multilevel Models in R using the Package brms.

SELECTED TEACHING ACTIVITIES

Data Science and 2024 · TU Dortmund University

Statistics Lecture: Statistical Learning for Big Data.

Data Science and Statistics Lecture: Case Studies I and II.

Data Science and 2023-2024 · TU Dortmund University Statistics Lecture: Applied Bayesian Data Analysis.

Data Science and Statistics Computational Statistics. Statistics

Data Science and 2023 · TU Dortmund University

Statistics Seminar: Multilevel Models.

Simulation Science 2022 · University of Stuttgart

Lecture: Bayesian Statistics and Probabilisitic Machine Learning.

Simulation Science 2021 · University of Stuttgart

Lecture: ML Sessions: Bayesian Statistics.

Simulation Science 2021-2022 · University of Stuttgart · 2 times

Seminar: Advanced Topics in Simulation Science.

Psychology 2018 · University of Münster · 2 times

Seminar: *Structural Equation Modeling and Bayesian Statistics*. Average Evaluation: 10.9 points (15 point *abitur* scale).

Psychology 2014-2019 · University of Münster · 5 times

Lecture: *Descriptive Statistics and Probability Theory*. Average Evaluation: 12.6 points (15 point *abitur* scale). Award for the best lecture in the winter semester 2016/2017.

Psychology 2015-2018 · University of Münster · 4 times

Lecture: Inferential Statistics.

Average Evaluation: 12.1 points (15 point abitur scale).

CURRENT PHD STUDENTS

TU Dortmund since 2024 · Svenja Jedhoff · Statistics

University Topic: Real-time spatio-temporal data analysis for monitoring logistics networks.

Co-Advisor: Prof. Anne Meyer

TU Dortmund since 2024 · Aayush Mishra · Statistics

University Topic: Robust and Efficient Learning in Amortized Bayesian Inference.

TU Dortmund since 2024 · Lars Kühmichel · Statistics

University Topic: BayesFlow: Simulation Intelligence with Deep Learning.

Co-Advisor: Prof. Stefan Radev

TU Dortmund since 2023 · Jacob Grytzka · Statistics

University Topic: Regularization in Generalized Linear and Additive Multilevel Models.

Co-Advisor: Prof. Andreas Groll

TU Dortmund since 2022 · Florence Bockting · Statistics

University Topic: Simulation-Based Prior Distributions for Bayesian models.

TU Dortmund since 2022 · Luna Fazio · Statistics

University Topic: Bayesian Distributional Latent Variable Models.

TU Dortmund since 2022 · Soham Mukherjee · Statistics

University Topic: Probabilistic Models for scRNA Sequencing Data.

Co-Advisor: Prof. Manfred Claassen

University of since 2022 · Philipp Reiser · Computer Science

Stuttgart Topic: Data-Integrated Training of Surrogate Models for Uncertainty Quantification

and Diagnostics of Complex Biological Systems Models.

Co-Advisor: Dr. Anneli Guthke

University of since 2021 · Maximilian Scholz · Computer Science

Stuttgart Topic: Machine Learning for Bayesian Model Builing.

University of since 2021 · Javier Aguilar · Computer Science Stuttgart Topic: Intuitve Joint Priors for Bayesian Multilevel Models.

University of since 2021 · Marvin Schmitt · Computer Science Stuttgart Topic: Meta-Uncertainty in Bayesian Model Comparison.

GRADUATED PHD STUDENTS

Aalto University 2019 – 2023 · Alejandro Catalania · Computer Science

Topic: Robust Bayesian Methods for Model and Variable Selection.

Primary Advisor: Prof. Aki Vehtari

University of Münster

2018 – 2021 · Niklas Schulte · Psychology

Topic: Statistical Properties of Forced-Choice Questionnaires in Applicant Personality

Measurements.

Primary Advisor: Prof. Heinz Holling

CURRENT POSTDOCTORAL RESEARCHERS

TU Dortmund

since 2024 · Šimon Kucharský

University

Topic: Applications of Amortized Bayesian Inference.

TU Dortmund

since 2023 · Daniel Habermann

University

Topic: Amortized Bayesian Inference for Multilevel Models.

University of

since 2022 · Lei Shi

Stuttgart

Topic: Bayesian Intent Prediction for Human-Machine Collaboration.

Co-Advisor: Prof. Andreas Bulling

FORMER POSTDOCTORAL RESEARCHERS

University of Heidelberg

2021 – 2023 · Stefan Radev

Topic: Amortized Bayesian Inference.

Became an assistant professor at Rensselaer Polytechnic Institute, Troy, USA.

ALL PUBLICATIONS

In Review

- 141) Aguilar J. E. & **Bürkner P. C.** (in review). Generalized Decomposition Priors on R2. *ArXiv preprint*.
- 140) Bockting F., Radev S. T., & **Bürkner P. C.** (in review). Expert-elicitation method for non-parametric joint priors using normalizing flows. *ArXiv preprint*.
- 139) Fazio L., Scholz M., & **Bürkner P. C.** (in review). Generative Bayesian Modeling with Implicit Priors. *ArXiv preprint*.
- 138) Fazio L. & **Bürkner P. C.** (in review). Gaussian distributional structural equation models: A framework for modeling latent heteroscedasticity. *ArXiv* preprint.
- 137) Habermann D., Schmitt M., Kühmichel L., Bulling A., Radev S. T., & **Bürkner P. C.** (in review). Amortized Bayesian Multilevel Models. *ArXiv* preprint.
- 136) Mukherjee S., Claassen M., & **Bürkner P. C.** (in review). DGP-LVM: Derivative Gaussian process latent variable models. *ArXiv preprint*.
- 135) Reiser P., Aguilar J. E., Guthke A., & **Bürkner P. C.** (in review). Uncertainty Quantification and Propagation in Surrogate-based Bayesian Inference. *ArXiv* preprint.
- 134) Reiser P., **Bürkner P. C.**, & Guthke A. (in review). Bayesian Surrogate Training on Multiple Data Sources: A Hybrid Modeling Strategy. *ArXiv preprint*.
- 133) Schmitt M., Radev S. T., & **Bürkner P. C.** (in review). Fuse It or Lose It: Deep Fusion for Multimodal Simulation-Based Inference. *ArXiv preprint*.
- 132) Schmitt M., Hikida Y., Radev S. T., Sadlo F., & **Bürkner P. C.** (in review). The Simplex Projection: Lossless Visualization of 4D Compositional Data on a 2D Canvas. *ArXiv preprint*.
- 131) Schmitt, M., B**ürkner P. C.**, Köthe U., & Radev S. T. (in review). Detecting Model Misspecification in Amortized Bayesian Inference with Neural Networks: An Extended Investigation. *ArXiv preprint*.
- 130) Scholz M. & **Bürkner P. C.** (in review). Posterior accuracy and calibration under misspecification in Bayesian generalized linear models. *ArXiv preprint*.
- 129) Magnusson M., Torgander J., **Bürkner P. C.**, Zhang L., Carpenter B., & Vehtari A. (in review). posteriordb: Testing, Benchmarking and Developing Bayesian Inference Algorithms. *ArXiv preprint*.
- 128) Kołczyńska M., & **Bürkner P. C.** (in review). Does political trust strengthen democracy? *SocArXiv preprint*.

- 127) Revathe T., Mundry R., Utami-Atmoko S. S., Aprilla T. U., van Noordwijk M. A., Fröhlich M., **Bürkner P. C.**, Schuppli C. (in review). Sumatran orangutan mothers differ in the extent and trajectory of their expression of maternal behaviour. *bioXiv preprint*.
- 2025 126) Scholz M., & **Bürkner P. C.** (2025). Prediction can be safely used as a proxy for explanation in causally consistent Bayesian generalized linear models. *Journal of Statistical Computation and Simulation*.
 - 125) Dubova, M., Chandramouli, S., Gigerenzer, G., ..., Wagenmarkers E. J., **Bürkner P. C.**, & Sloman, S. (2025). Is Occam's razor losing its edge? New perspectives on the principle of model parsimony. *Proceedings of the National Academy of Sciences (PNAS)*.
 - 124) Ingram D. J., Froese G. Z. L., Carroll D., **Bürkner P. C.**, ..., Abernethy K., & Coad L. (2025). Regional patterns of wild animal hunting in African tropical forests. *Nature Sustainability*.
 - 123) Bagaïni, A., Liu, Y., Kapoor, M., Son, G., **Bürkner P. C.**, Tisdall, L., & Mata, R. (2025). Comparing the Temporal Stability and Convergent Validity of Risk Preference Measures: A Meta-Analytic Approach. *Nature Human Behavior*.
- 2024 122) Bockting F., Radev, S. T., & **Bürkner P. C.** (2024). Simulation-Based Prior Knowledge Elicitation for Parametric Bayesian Models. *Scientific Reports*. doi:10.1038/s41598-024-68090-7
 - 121) Schmitt M., Pratz V., Köthe U., **Bürkner P. C.**, & Radev S. T. (2024). Consistency Models for Scalable and Fast Simulation-Based Inference. *Proceedings of the Conference on Neural Information Processing Systems (NeurIPS)*.
 - 120) Schmitt M., Habermann D., **Bürkner P. C.**, Köthe U., & Radev S. T. (2024). Leveraging Self-Consistency for Data-Efficient Amortized Bayesian Inference. *Proceedings of the International Conference on Machine Learning (ICML)*.
 - 119) Kallioinen N., Paananen T., **Bürkner P. C.**, & Vehtari A. (2024). Detecting and diagnosing prior and likelihood sensitivity with power-scaling. *Statistics and Computing*. doi:10.1007/s11222-023-10366-5
 - 118) Elsemüller L., Olischläger H., Schmitt M., **Bürkner P. C.**, Köthe U., & Radev S.T. (2024). Sensitivity-Aware Amortized Bayesian Inference. *Transactions in Machine Learning Research*.
 - 117) Elsemüller L., Schnuerch M., **Bürkner P. C.**, & Radev S. T. (2024). A Deep Learning Method for Comparing Bayesian Hierarchical Models. *Psychological Methods*. doi:10.1037/met0000645
 - 116) Huber F., **Bürkner P. C.**, Göddeke D., & Schulte M. (2024). Knowledge-based modeling of simulation behavior for Bayesian optimization. *Computational Mechanics*. doi:10.1007/s00466-023-02427-3
 - 115) Shi L., **Bürkner P. C.**, & Bulling A. (2024). ActionDiffusion: An Action-aware Diffusion Model for Procedure Planning in Instructional Videos. *IEEE/CVF Winter Conference on Applications of Computer Vision (WACV)*.
 - 114) Raulo A., **Bürkner P. C.**, Dale J., English H., Finerty G., Lamberth C., Firth J. A., Coulson T., & Knowles S. (2024). Social and environmental transmission spread different sets of gut microbes in wild mice. *Nature Ecology & Evolution*. doi:10.1038/s41559-024-02381-0
 - 113) Kołczyńska M., **Bürkner P. C.**, Kennedy L., & Vehtari A. (2024). Trust in state institutions in Europe, 1989-2019. *Survey Research Methods*. doi:10.18148/srm/2024.v18i1.8119
 - 112) Lingel, H., **Bürkner P. C.**, Melchers, K. G., & Schulte, N. (2024). Measuring Personality When Stakes Are High: Are Graded Paired Comparisons a More Reliable Alternative to Traditional Forced-Choice Methods? *Organizational Research Methods*.
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