

MAXIMILIAN MAIER

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RESEARCH INTEREST

Empirical

Decision Making, Behaviour Change, Moral & Altruistic Psychology

Statistics and Methodology

Bayesian Statistics, Computational Models of Cognition, Meta-Analysis

RESEARCH POSITIONS AND AFFILIATIONS

Assistant Professor in Behavioural Science

Warwick Business School, University of Warwick

August 2025 –

Honorary Research Fellow

Department of Experimental Psychology, University College London

August 2025 –

Enrichment Scheme Placement

The Alan Turing Institute

October 2024 – July 2025

Visiting Researcher at the Computational Cognitive Science Lab

Department of Psychology & Department of Computer Science, Princeton University

February – March 2024

EDUCATION

PhD in Experimental Psychology (no corrections)

Supervisors: Prof. Adam Harris & Dr. Henrik Singmann

University College London

Thesis: *Mapping the moral mind: Computational & formal approaches to understanding prosocial behaviour*

August 2021 – July 2025

Research Master Psychology (8.8, distinction & best thesis award)

University of Amsterdam

Thesis: *Evaluating human forecasts using Bayesian inference*

2019 – 2021

B.Sc. Psychology (1.0, distinction)

Julius-Maximilians-Universität Würzburg

Thesis: *Why do we search for information online? How Google search queries can be used to measure attitudes on aggregate level*

2016 – 2019

Abitur (1.0, distinction)

Meranier-Gymnasium, Lichtenfels

2009 – 2016

BIBLIOMETRICS & KEY PUBLICATIONS

Bibliometrics: h-index: 18, 1810 citations, i10-index: 23; see Google Scholar profile

Maier, M.*, Cheung, V.*, & Lieder, F. (in press). Moral Decision Making with Bounded Cognitive Resources and Limited Information. *Trends in Cognitive Sciences*. <https://doi.org/10.1016/j.tics.2025.12.010>

Maier, M.*, Cheung, V.*, & Lieder, F. (2026). Learning from outcomes shapes reliance on moral rules versus cost-benefit reasoning. *Nature Human Behaviour*, 10, 268-287. <https://doi.org/10.1038/s41562-025-02271-w>

Cheung, V.*, **Maier, M.***, & Lieder, F. (2025). Large language models show amplified cognitive biases in moral decision-making. *Proceedings of the National Academy of Sciences*, 122(25), e2412015122. <https://doi.org/10.1073/pnas.2412015122>

Maier, M., Harris, A. J. L., Kellen, D., & Singmann, H. (2025). Decision making under extinction risk. *Cognitive Psychology*, 159, 101735. <https://doi.org/10.1016/j.cogpsych.2025.101735>

Maier, M.*, Bartoš, F.*, & Wagenmakers, E.-J. (2023). Robust Bayesian Meta-Analysis: Addressing publication bias with model-averaging. *Psychological Methods*, 28(1), 107–122. <https://doi.org/10.1037/met0000405>

Maier, M.*, Bartoš, F.*, Stanley, T. D., Shanks, D. R., Harris, A. J. L., & Wagenmakers, E. J. (2022). No evidence for nudging after adjusting for publication bias. *Proceedings of the National Academy of Sciences*, 119(31), e2200300119. <https://doi.org/10.1073/pnas.2200300119>

SCHOLARSHIPS, GRANTS, & AWARDS

Warwick University Research Development Fund: Toward a Psychology of Open World Decision Making (£30 000) 2026

Lead PI, Co-Investigator: Wenjia Joyce Zhao

BR UK Accelerator Award: Understanding the Heterogeneity of Behavioural Interventions Through Mixture Modelling (£50 000) 2025

Lead PI, Co-Investigators: Henrik Singmann, & Linnea Gandhi

The Alan Turing Institute Enrichment Scheme Placement Award (£3 300) 2024

Careers Extra Funding Scheme for Short-Term Projects to supervise students from underrepresented backgrounds in a summer research project (£1000) 2024

UCL Bogue Fellowship for research visit to Tom Griffiths' Computational Cognitive Science Lab at Princeton University (£2 920) 2024

Institute for Humane Studies Publication Accelerator Grant for my work on open science practices in behavioural public policy research (\$5 000) 2023

Virtual Mobility Grant for my assistance in Bayesian meta-analysis to the EU-funded consortium Determinants of Physical Activities in Settings (DE-PASS) (€1500) 2022

UCL Graduate Conference Fund to present at MAER-net (Meta-Analysis in Economics Research) in Kyoto (£600) 2022

Philosophy of Science Association Travel Fund for the Annual Meeting of the Philosophy of Science Association in Pittsburgh (\$600) 2022

Thesis prize of the Research Master's Psychology at the University of Amsterdam for the best thesis in my cohort (€250) 2022

Admitted to the Forethought Fellowship for Global Priorities Research, a fellowship for promising ECRs contributing to global priorities research with a focus on the well-being of future generations (£10 000) 2022 – 2023

Research Grant from the Forethought Foundation for Global Priorities Research to hire a research assistant (£25 000) 2022

Ph.D. scholarship from Longview Philanthropy (£91 600) 2021

Study abroad grant and study fee coverage for the Research Master's Psychology awarded by "Studienstiftung des Deutschen Volkes" 2019 – 2021

Scholarship from “Studienstiftung des Deutschen Volkes”, a German scholarship for highly talented students 2019 – 2021

Travel grant from “Forschung vor Ort” for research visit to Daniël Lakens’ Lab at TU Eindhoven 2019

Scholarship from “Max-Weber Program”, a Bavarian scholarship for highly talented students 2016 – 2021

INVITED LECTURES & WORKSHOPS

Learning from outcomes shapes reliance on moral rules versus cost–benefit reasoning 2026
Psychological and Behavioural Sciences Seminar, LSE

Addressing heterogeneity with Bayesian meta-analytic mixture modelling 2026
Centre for Behavioural Science Data, UCL

Resource rational moral learning and decision-making 2025
Guest Lecture for MSc Course on Moral Cognition, UCL

Metacognitive moral learning and decision-making 2024
Psychology Departmental Seminar, The University of Hong Kong

Investigating risky choices using the Extinction Gambling Task 2024
School of Mathematics, University of Leeds

Introducing the Extinction Gambling Task 2024
Computational Cognitive Science Lab, Princeton University

Metacognitive learning shapes reliance on moral rules vs. cost-benefit reasoning 2024
Crockett Lab, Princeton University

Learning from consequences shapes reliance on moral rules vs. cost-benefit reasoning 2023
Centre for Behavioural Science Data, UCL

Addressing publication bias 2023
ReproducibiliTea Journal Club, UCL

Introducing the Extinction Gambling Task 2023
Centre for Behavioural Science Data, UCL

Metacognitive learning shapes moral decision making 2023
Max Planck Institute for Intelligent Systems, Tübingen

Robust Bayesian Meta-Analysis: Addressing publication bias with model-averaging (with Applications in Experimental Psychology) 2022
Experimental Psychology Seminar, UCL

Robust Bayesian Meta-Analysis of research on nudging 2022
UIUC Quantitative Psychology Brownbag

Introduction and validation of the short antinatalism scale 2021
Online Experimental Philosophy Workshop

Introduction to Bayesian approach to statistical analysis – From estimation to model-averaging 2021
Workshop given to the Consortium on Determinants of Physical Activities in Settings (DE-PASS)

We want good theories. But when do we have a good theory? 2020
TU Eindhoven

An Introduction to Open Science 2020
College for Politics, Psychology, Law and Economics (PPLE), University of Amsterdam

- Preregistration and preprints – What, why and how? 2020
Faculty of Behavioral and Movement Sciences, University of Amsterdam
- Google search queries as a data source for psychology 2019
Projects and Methods for Social Psychology, University of Würzburg

CONFERENCE PRESENTATIONS

- Learning from Consequences Shapes Reliance on Moral Rules vs. Cost-Benefit Reasoning 2025
Third Annual Edinburgh Cognitive Science Mini Conference, Edinburgh
- Collective Decision Making Under Extinction Risk (talk & poster; poster prize: most likely to survive reviewer 2) 2025
Psychology and Language Sciences PhD Conference, UCL.
- Individual and Collective Decision Making Under Extinction Risk 2025
Meeting of the Experimental Psychology Society, London
- Investigating risky choices using the Extinction Gambling Task 2024
Annual Meeting of the Society for Mathematical Psychology, Tilburg
- Introducing the Extinction Gambling Task 2024
Annual Meeting of the Cognitive Science Society, Rotterdam
- Introducing the Extinction Gambling Task 2024
International Conference on Thinking, Milan
- Evaluating the effectiveness of nudges in academia and public policy 2023
Conference on Subjective Probability, Utility, and Decision-Making (SPUDM), Vienna
- Robust Bayesian Meta-Regression: Publication bias adjusted moderator analysis 2023
Annual Meeting of the Society for Research Synthesis Methodology, Paris
- Comparing theories with the Ising Model of Explanatory Coherence 2022
Annual Meeting of the Philosophy of Science Society, Pittsburgh
- Comparing publication Bias in economics, medicine, and psychology 2022
Annual conference of the Meta-Analysis in Economics Research Network (MAER-NET), Kyoto
- Tracking the footprint of publication bias across science 2021
Annual conference of the Meta-Analysis in Economics Research Network (MAER-NET), Piraeus
- RoBMA (Robust Bayesian Meta-Analysis): Bayesian model-averaging over selection models and PET-PEESE 2021
Meeting of the International Society for Bayesian Analysis (ISBA), online
- Comparing theories with the Ising Model of Explanatory Coherence 2020
International Workshop on Theory (Re)Construction in the Empirical Social and Behavioral Sciences, online, <https://tinyurl.com/yyv62muq>
- Bayesian benefits for meta-analysis in the presence of publication bias 2020
International Meeting of the Psychometric Society, online, <https://youtu.be/KFt9YraOykM>

POSTERS

- Maier, M., Kellen, D., Harris, A.J.L., & Singmann, H. (2023). Risky choices with potentially ‘fatal’ outcomes: Introducing the Extinction Gambling Task. Poster presented at the Psychology and Language Sciences PhD Conference, UCL.

Maier, M., Kellen, D., Harris, A.J.L., & Singmann, H. (2023). Risky choices with potentially ‘fatal’ outcomes: Introducing the Extinction Gambling Task. Poster presented at the Annual JAGS Workshop: Bayesian Modeling for Cognitive Science, University of Amsterdam.

Maier, M., Kellen, D., Harris, A.J.L., & Singmann, H. (2023). Risky choices with potentially ‘fatal’ outcomes: Introducing the Extinction Gambling Task. Poster presented at the International Conference for Mathematical Psychology, University of Amsterdam.

Maier, M. (2022) Are cognitive biases adaptive to reduce variance in judgement? Poster presented at the Sixth European Summer School on Computational and Mathematical Modelling of Cognition.

Maier, M., Cheung, V., & Lieder F. (2023). Learning from consequences shapes reliance on rules vs. cost-benefit reasoning. Poster presented at the Summer Institute for Bounded Rationality.

Maier, M., Van Dongen, N., Denny, B. (2020). Ising Model of Explanatory Coherence (2020). Poster Presented at the Research Master Psychology Poster Conference, University of Amsterdam.

LECTURING

Judgement and Decision Making (MSc, overall student satisfaction: 4.75/5) 2026
Warwick Business School, University of Warwick

Big Data Analytics (MSc, overall student satisfaction: 4.73/5) 2026
Warwick Business School, University of Warwick

SEMINAR AND SMALL GROUP TEACHING

Workshop Teaching, Publication Bias and How to Mitigate it (PhD) 2026
Warwick Business School, University of Warwick

Seminar Teaching, Judgement and Decision Making (MSc) 2026
Warwick Business School, University of Warwick

Workshop Teaching, Big Data Analytics (MSc) 2026
Warwick Business School, University of Warwick

Seminar Teaching, Foundations of Data Analysis for Management (BSc) 2025 –
Warwick Business School, University of Warwick

Teaching Assistant, Statistics, Data Analysis, and Modelling (MSc) 2021 – 2024
University College London, Department of Experimental Psychology

Teaching Assistant, Good Research Practices (MSc) November 2020 – January 2021
University of Amsterdam, Department of Psychology

SUPERVISION AND TRAINING RECORD

MSc Students

Beau Shepherd, Mariajose Livelli, Shreya Sathyanarayanan, Harper Li, Siddhi Sanap

BSc Students

Leah Wu, Megan Oh

Research Assistants

Leah Wu, Megan Oh, Talia Ozluk

UCL Careers Extra Program (for students from underrepresented backgrounds) 2024

SOFTWARE

Maier, M., & Lakens, D. (2021). JustifyAlpha [R package]. <https://cran.r-project.org/web/packages/JustifyAlpha/index.html>

Bartoš, F., & Maier, M. (2020). RoBMA: An R Package for Robust Bayesian Meta-Analyses [R package]. <https://CRAN.R-project.org/package=RoBMA>

Maier, M. (2020) Estimating the Ising Model of Explanatory Coherence [R package]. <https://github.com/MaxMaier42/IMEC>

Maier, M. Justify Alpha by Optimizing Learning [Shiny App]. <https://maxmaier.shinyapps.io/OptimizeAlpha>

SKILLS & TRAINING COURSES

Programming Skills: R (advanced), probabilistic program in JAGS (intermediate) and STAN (advanced)

Bayesian Modelling for Cognitive Science *July, 2023*
JAGS workshop at the University of Amsterdam

Summer Institute on Bounded Rationality *June, 2023*
Max-Planck Institute for Human Development, Berlin

Computational and Mathematical Modelling of Cognition *July, 2022*
European Summer School in Szklarska Poreba, Poland

UCL Arena for PGTAs: Teaching Associate Programme *June, 2022*
One week training for teachers at UCL to prepare for the application as Associate Fellow of the Higher Education Academy.

KNOWLEDGE EXCHANGE

Psychology Today: Failure to Replicate the ‘Identified Victim Effect’ (<https://tinyurl.com/y3rww3p9>)

BBC News: Does ‘nudge theory’ work after all? (<https://tinyurl.com/7ty2vyk7>)

The Economist: Evidence for behavioural interventions looks increasingly shaky (<https://tinyurl.com/rnnj6dcj>)

Financial Times: Harvard fraud claims fuel doubts over science of behaviour (<https://tinyurl.com/ynh8xkvk>)

Atlantico: Changer les comportements par le nudge? Une illusion [Changing Behaviours with Nudging? – An Illusion] (<https://tinyurl.com/2nv2zd3y>)

Psychology Today: Do Nudges Work? (<https://tinyurl.com/2xp75364>)

PROFESSIONAL MEMBERSHIPS & OTHER ACTIVITIES

Ad hoc reviews for Journal of Personality and Social Psychology, Advances in Methods and Practices in Psychological Science, Collabra Psychology, JEP:General, Journal of Trial & Error, Peer Community Registered Reports, Research Synthesis Methods, Royal Society Open Science, Plos One, Multivariate Behavior Research Methods, Journal of Economic Surveys, Nature Human Behaviour, & Behaviour Research Methods

Member of the Cognitive Science Society *2024 –*

Member of the Association for Psychological Science *2024 –*

Member of the Society for Mathematical Psychology	2023 –
Member of the Society for Research Synthesis Methods	2023 –
Member of the Student Initiative for Open Science (SIOS), an initiative that tries to spread adoption of open science practices among students	2019 – 2021
Ad-hoc review for the Effective Thesis Prize	2022
Internship in the German Bundestag (MP Margarete Bause)	2018

PUBLICATIONS & IN PRESS

- Miske, O., Abatayo, A. L., Daley, M., ... Maier, M., ... Nosek, B. A., Errington, T. M. (in press). Investigating the reproducibility of the social and behavioural sciences. *Nature*.
- Maier, M.***, Cheung, V.*, & Lieder, F. (in press). Moral Decision Making with Bounded Cognitive Resources and Limited Information. *Trends in Cognitive Sciences*. <https://doi.org/10.1016/j.tics.2025.12.010>
- Cheung, V.*, **Maier, M.***, & Lieder, F. (in press). The Decision Process Scale (DPS): Self-report measures of reliance on rules, cost-benefit reasoning, intuition, & deliberation in (moral) decision-making. *Behavior Research Methods*. 58, 62 <https://doi.org/10.31234/osf.io/zfmp9>
- Lieder, F., Cheung, V., & **Maier, M.** (in press). What is morality for? Contractualism versus global consequentialism and expected choiceworthiness. *Behavioral and Brain Sciences*.
- Maier, M.***, Cheung, V.*, & Lieder, F. (2026). Learning from outcomes shapes reliance on moral rules versus cost–benefit reasoning. *Nature Human Behaviour*, 10, 268-287. <https://doi.org/10.1038/s41562-025-02271-w>
- Spiteri, G.*, **Maier, M.***, Coulson, H.*, & Lieder, F. (2025). Communicating global income rank increases charitable donations. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 47. <https://escholarship.org/uc/item/0wm7t76v>
- Tahmasebi, Z.*, **Maier, M.***, Cheung, V.*, Cushman, F., & Lieder, F. (2025). Disentangling model-based and model-free moral learning. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 47. <https://escholarship.org/uc/item/8p05c23f>
- Cheung, V.*, **Maier, M.***, & Lieder, F. (2025). Large language models show amplified cognitive biases in moral decision-making. *Proceedings of the National Academy of Sciences*, 122(25), e2412015122. <https://doi.org/10.1073/pnas.2412015122>
- Maier, M.**, Harris, A. J. L., Kellen, D., & Singmann, H. (2025). Decision making under extinction risk. *Cognitive Psychology*, 159, 101735. <https://doi.org/10.1016/j.cogpsych.2025.101735>
- Bartoš, F.*, **Maier, M.***, Stanley, T. D., & Wagenmakers, E.J (2025). Robust Bayesian meta-regression – Model-averaged moderation analysis in the presence of publication bias. *In press at Psychological Methods*. <https://doi.org/10.31234/osf.io/98xb5>.
- Maier, M.***, Bartoš, F.*, Quintana, D.S., Dablander, F., van den Bergh, D., Marsman, M., Wagenmakers, E.-J (2024). Model-averaged Bayesian *t* tests. *Psychonomic Bulletin & Review. Advance Online Publication* <https://doi.org/10.3758/s13423-024-02590-5>.
- Maier, M.**, Harris, A.J.L, Kellen, D., Singmann, H., Introducing the Extinction Gambling Task (2024). *Proceedings of the Annual Meeting of the Cognitive Science Society*, 46. <https://escholarship.org/uc/item/4qk2v6s2>.
- Röseler, L., Kaiser, L., Doetsch, C., Klett, N., Seida, C., Schütz, A., ... **Maier, M.**, ... & Zhang, Y. (2024). The replication database: documenting the replicability of psychological science. *Journal of Open Psychology Data*, 12(8), 1-23. <https://doi.org/10.5334/jopd.101>

- Ling, F. C., Khudair, M., Ng, K., Tempest, G. D., ...**Maier, M.**, ... & Marcuzzi, A. (2024). DE-PASS Best Evidence Statement (BEST): Determinants of self-report physical activity and sedentary behaviours in children in settings: A systematic review and meta-analyses. *Plos one*, *19*(11), e0309890. <https://doi.org/10.1371/journal.pone.0309890>.
- Khudair, M., Marcuzzi, A., Tempest, G.D. ... **Maier, M.**, ... & Ling, F.C.M.. DE-PASS Best Evidence Statement (BEST): A Systematic Review and Meta-analysis on the Effectiveness of Trials on Device-Measured Physical Activity and Sedentary Behaviour and Their Determinants in Children Aged 5–12 Years. *Sports Medicine* (2024). <https://doi.org/10.1007/s40279-024-02136-8>.
- Stanley, T. D., Doucouliagos, H., **Maier, M.**, & Bartoš, F. (2024). Correcting bias in the meta-analysis of correlations. *Psychological Methods*. Advance online publication. <https://doi.org/10.1037/met0000662>.
- Kolovelonis, A., Syrmpas, I., Marcuzzi, A. ... **Maier, M.**, ... & Ling, F.C.M. DE-PASS Best Evidence Statement (BEST): Determinants of adolescents' device-based physical activity and sedentary behaviour in settings: A systematic review and meta-analysis (2024). *BMC Public Health*, *24*, 1706. <https://doi.org/10.1186/s12889-024-19136-y>.
- Maier, M.***, Bartoš, F.*, Raihani, N., Shanks, D.R., Stanley, T.D., Wagenmakers, E.-J., & Harris, A.J.L. (2024). Exploring open science practices in behavioural public policy research. *Royal Society Open Science*, *11*. <http://doi.org/10.1098/rsos.231486>.
- Maier, M.** & van Dongen, N., Borsboom, D. (2024). Comparing theories with the Ising model of explanatory coherence. *Psychological Methods*. *29*(3), 519-536.<https://doi.org/10.1037/met0000543>.
- Bartoš, F.*, **Maier, M.***, Wagenmakers, E.-J., Nippold, F., Doucouliagos, H., Ioannidis, J.P.A., Otte, W.M., Sladekova, M., Deressa, T.K., Bruns, S.B, Fanelli, D., & Stanley, T.D. (2024) Footprint of publication selection bias on meta-analyses in medicine, environmental sciences, psychology, and economics. *Research Synthesis Methods*, *5*(3), 500-511. <https://doi.org/10.1002/jrsm.1703>.
- Paruzel-Czachura, M., **Maier, M.**, Warmuz, R., Wilks, M., & Caviola, L. (2024). Children value animals more than adults do – A conceptual replication and extension. *Social Psychology Bulletin*. Advance online publication. <https://doi.org/10.1177/01461672231219391>.
- Maier, M.*** Wong, Y.*, Feldman, G.* (2023). Revisiting and rethinking the identifiable victim effect: Replication and extension of Small, Loewenstein, and Slovic (2007). *Collabra: Psychology*, *9*(1). <https://doi.org/10.1525/collabra.90203>.
- Maier, M.**, Cheung, V., & Lieder, F. (2023). A reinforcement-learning meta-control architecture based on the dual-process theory of moral decision-making. *NeurIps Workshop: AI meets Moral Philosophy and Moral Psychology*. <https://doi.org/10.31234/osf.io/j6fhk>.
- Bartoš, F.*, **Maier, M.***, Shanks, D.R., Stanley, T.D., Sladekova, M., & Wagenmakers, E.J. (2022). Meta-analyses in psychology often overestimate evidence for and size of effects. *Royal Society Open Science*, *10* (230224). <https://doi.org/10.1098/rsos.230224>.
- Bartoš, F., **Maier, M.**, & Wagenmakers, E.-J.(2023). Robust Bayesian meta-analysis: Model-averaging across complementary publication bias adjustment methods. *Research Synthesis Methods*, *14*, 99-116 <https://doi-org.libproxy.ucl.ac.uk/10.1002/jrsm.1594>. (Top 10% most cited paper in RSM)
- Stanley, TD, Ioannidis, J.P.A., **Maier, M.**, Doucouliagos, H., Otte, W.M., & Bartoš, F. (2023) Unrestricted weighted least squares represent medical research better than random effects in 67,308 Cochrane meta-analyses. *Journal of Clinical Epidemiology*, *157*. <https://doi.org/10.1016/j.jclinepi.2023.03.004>. (Editor's Choice, May 2023, <https://tinyurl.com/2cs2yp57>)
- Schoenegger, P.*, **Maier, M.***, & Bastos, R.* (2023) Introduction and validation of the Short Antinatalism Scale. *Psychological Test Adaption and Development*, *4*(1). <https://doi.org/10.1027/>

2698-1866/a000036,

Hoogeveen, S., Sarafoglou, A., Aczel, B., Aditya, Y., Alayan, A.J., Allen, P.J., ...**Maier, M.**, ... & Nilsson, G. (2023). A many-analysts approach to the relation between religiosity and well-being. *Religion, Brain & Behavior*, *3*, 237-283. <https://doi.org/10.1080/2153599X.2022.2070255>.

Maier, M.*, Bartoš, F.*, & Wagenmakers, E.-J. (2023). Robust Bayesian Meta-Analysis: Addressing publication bias with model-averaging. *Psychological Methods*, *28*(1), 107-122. <https://doi.org/10.1037/met0000405>.

Maier, M., Caviola, L., Schubert, S., & Harris, A.J.L. (2023). Investigating (Sequential) Unit Asking – An Unsuccessful Quest for Scope Sensitivity in WTD Judgements. *Journal of Behavioural Decision Making*, *36*(4), e2335. <https://doi.org/10.1002/bdm.2335>.

Grossman, I., Rotella, A. ... **Maier, M.** ..., & The Forecasting Collaborative (2023). Insights into accuracy of social scientists' forecasts of societal change. *Nature Human Behaviour*, *7*, 484-501. <https://doi.org/10.1038/s41562-022-01517-1>.

Maier, M.*, Bartoš, F.*, Stanley, T.D., Shanks, D.R., Harris, A.J.L., & Wagenmakers, E.-J. (2022). No evidence for nudging after adjusting for publication bias. *Proceedings of the National Academy of Sciences*, *119*(31), e2200300119.

Khudair, M., Marcuzzi, A., Ng, K., Tempest, G.D., Bartoš, F., Peric, R., ... **Maier, M.**, ... & Ling, F.C.M. (2022). DE-PASS Best Evidence Statement (BEST): Modifiable determinants of physical activity and sedentary behaviour in children and adolescents aged 5–19 years – a protocol for systematic review and meta-analysis. *BMJ Open*, *12*(9), e059202.

Bartoš, F.*, **Maier, M.***, Wagenmakers, E.-J., Doucouliagos, H., Stanley, T.D. (2022). Adjusting for publication bias in JASP and R: Selection models and robust Bayesian meta-analysis. *Advances in Methods and Practices in Psychological Science* *5*(3), 1-19. <https://doi.org/10.31234/osf.io/75bqn>.

Maier, M. & VanderWeele, T., Mathur, M. (2022). Using selection models to assess sensitivity to publication bias: A tutorial and call for more routine use. *Campbell Systematic Reviews*, *18*(3), e1256. <https://doi.org/10.1002/c12.1256>. (Top 10% most cited paper in Campbell Systematic Reviews)

Maier, M. & Lakens, D. (2022). Justify your alpha: A primer on two practical approaches. *Advances in Methods and Practices in Psychological Science*, *5*(2). <https://doi.org/10.1177/25152459221080396>.

Bartoš, F.*, & **Maier, M.*** (2020). Power or alpha? The better way of decreasing the false discovery rate. *Meta-Psychology*, *6*. <https://doi.org/10.15626/MP.2020.2460>.

*authors contributed equally

MANUSCRIPTS SUBMITTED FOR PUBLICATION & PREPRINTS

Maier, M. (2026). Addressing Heterogeneity with Bayesian Meta-Analytic Mixture Modelling. https://doi.org/10.31234/osf.io/nkyqm_v1.

Bartoš, F.*, **Maier, M.***, Stanley, T.D., & Wagenmakers, E.-J. (2022). Adjusting for publication bias reveals mixed evidence for the impact of cash transfers on subjective well-being and mental health. <https://doi.org/10.31234/osf.io/d9vcg>.

Maier, M., Bartoš, F., Oh, M., Wagenmakers, E.-J., Shanks, D.R., & Harris, A. J. L. (2022). Publication bias in research on construal level theory. <https://doi.org/10.31234/osf.io/r8nyu>.