

# MAXIMILIAN PRIMBS

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## RESEARCH INTERESTS

I'm interested in how our social and cultural environments shapes our attitudes and beliefs. How do anti-racism protests influence how we think about Black people? Do cultural holidays affect how we think about our peers? Does our historical or built environment have a lasting impact on people's beliefs today? I explore these questions using large-scale datasets, causal inference methods, multiverse analyses, experiments, and computational modelling. My work provides a novel perspective on the role of the environment in attitude formation and expression.

## EDUCATION

<b>PhD Student</b> , Societal Events and Implicit Bias, Radboud University	09/2021 - 09/2026
<b>Research Master Behavioural Science (M.Sc)</b> , <b>cum laude</b> , Radboud University	09/2019 - 08/2021
<b>Erasmus</b> , Bangor University, Wales	01/2019 - 05/2019
<b>Honours Programme, Psychology</b> , Radboud University	09/2017 - 08/2019
<b>Honours Programme for First-Year Students</b> , Radboud University	02/2017 - 08/2017
<b>Bachelor of Science, Psychology (B.sc)</b> , <b>cum laude</b> , Radboud University	09/2016 - 08/2019

## AWARDS & FUNDING

KNAW van der Gaag Grant	5500€
AIMOS Top-Up Scholarship	2500\$
Brian Labatte Open-minded Early Career Researchers Award from the Center for Adversarial Collaborations. Role: PI (with Paul Connor).	5000€
The influence of Open Science practices on laypeople's perception of the credibility of research findings. Role: PI (with Sheeling Neo and Marina Orifici)	15000€
Best Research Master Thesis - Behavioural Science Institute, Radboud University (2022).	300€

## PUBLICATIONS

Roy, R., Jaeger, B., Evans, A. M., Turetsky, K. M., O'Shea, B., ..., **Primbs, M. A.**, ..., & Axt, J. R. (accepted). A contest study to reduce attractiveness-based discrimination in social judgement. *Journal of Personality and Social Psychology*

**Primbs, M. A.**, Holland, R. W., Lansu, T. A. M., Faure, R., & Bijlstra, G. (accepted). The Effects of the 2020 BLM Protests on Racial Bias in the United States. *Personality and Social Psychology Bulletin*. Available at: <https://psyarxiv.com/x7uch>

**Primbs, M. A.** (2024). Situational models of bias. *Nature Reviews Psychology*, 3, 376.  
<https://doi.org/10.1038/s44159-024-00318-9>

Peetz, H. K., **Primbs, M. A.**, Dudda, L. A., Andresen, P. K., Pennington, R. C., Westwood, S. J., & Buchanan, E. M. (2024). Evaluating Interventions: A practical primer for specifying the smallest effect size of interest. In *P.S. Forscher & M. Schmidt (eds), A better how: notes on developmental meta-research*, 127-134. Busara.  
<https://doi.org/10.62372/ISCI6112>

Oshiro, B., McAuliffe, W. H. B., Luong, R., Santos, A. C. Findor, A., ..., **Primbs, M. A.**, ..., & Flake, J. K. (2024). Structural validity evidence for the Oxford Utilitarianism Scale across 15 languages. *Psychological Test Adaptation and Development*, 5(1), 175-191. Available at: <https://doi.org/10.1027/2698-1866/a000061>

Loenneker, H. D., Buchanan, E. M.\*, Martinovici, A.\*, **Primbs, M. A.\***, Elsherif, M. M., Baker, B. J., ..., & Pronizius, E. (2024). We don't know what you did last summer. On the importance of transparent reporting of reaction time data pre-processing. *Cortex*, 172, 14-37. <https://doi.org/10.1016/j.cortex.2023.11.012>

\*equal contributions

**Primbs, M. A.**, Dudda, L. A., Andresen, P. K., Buchanan, E. M., Peetz, H. K., Silan, M., & Lakens, D. (2024). Consensus meetings will outperform integrative experiments. *Behavioral and Brain Sciences*, 47, e56. <https://doi.org/10.1017/S0140525X23002248>

**Primbs, M. A.**, Pennington, C. R., Lakens, D., Silan, M. A. A., Lieck, D. S. N., Forscher, P. S., Buchanan, E. M., & Westwood, S. J. (2023). Are small effects the indispensable foundation for a cumulative psychological science? A Reply to Götz et al., (2022). *Perspectives on Psychological Science*, 18(2). <https://doi.org/10.1177/17456916221100420>

Buchanan, E. M., Lewis, S. C., Paris, B., Forscher, P. S., Pavlacic, J. M., ..., & **Primbs, M. A.** (2023). PSACR: The Psychological Science Accelerator's COVID-19 Rapid-Response Dataset. *Scientific Data*, 11;10(1):87. <https://doi.org/10.1038/s41597-022-01811-7>

Dorison, C. A., Lerner, J. S., Heller, B. H., Rothman, A. J., Kawachi, I. I., ..., **Primbs, M. A.**, ..., & Coles, N. A. (2022). In COVID-19 health messaging, loss framing increases anxiety with little-to-no concomitant benefits: experimental evidence from 84 countries. *Affective Science*. <https://doi.org/10.1007/s42761-022-00128-3>

Rinck, M., **Primbs, M. A.\***, Verpaalen, I. A. M.\*, & Bijlstra, G. (2022). Face masks impair facial emotion recognition and induce specific emotion confusions. *Cognitive Research: Principles and Implications*, 7:83. <https://doi.org/10.1186/s41235-022-00430-5>  
\*equal contributions

**Primbs, M. A.**, Rinck, M., Holland, R., Knol, W., Nies, A., & Bijlstra, G. (2022). The effect of face masks on the stereotype effect in emotion perception. *Journal of Experimental Social Psychology*, 103: 104394. <https://doi.org/10.1016/j.jesp.2022.104394>

Bago, B., Kovacs, M., Protzko, J., Nagy, T. Kekecs, Z., ..., **Primbs, M. A.**, ..., & Balacs, A. (2022). Situational factors shape moral judgements in the trolley dilemma in Eastern, Southern, and Western countries in a culturally diverse sample *Nature Human Behaviour*, 6. <https://doi.org/10.1038/s41562-022-01319-5>

Legate, N., Nguyen, T. T., Weinstein, N., Moller, A. C., Legault, L., ..., & **Primbs, M. A.** (2022). A global experiment on motivating social distancing during the COVID-19 pandemic. *Proceedings of the National Academy of Sciences*, 119. <https://doi.org/10.1073/pnas.2111091119>

Wang, K., Goldenberg, A., Dorison, C. A., Miller, J. K., Uusberg, A., ..., **Primbs, M. A.**, ..., & Moshontz, H. (2021). A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. *Nature Human Behaviour*, 5, 1089-1110. <https://doi.org/10.1038/s41562-021-01173-x>

McPhetres, J., Albayrak-Aydemir, N.\*, Barbosa Mendes, A.\*, Chow, E. C.\*, Gonzalez-Marquez, P.\*, ..., **Primbs, M. A.\***, ..., & Volodko, K.\* (2021). A decade of theory as reflected in *Psychological Science* (2009-2019). *Plos ONE* 16(3): e0247986. <https://doi.org/10.1371/journal.pone.0247986>

\*Authors listed alphabetically

## STAGE 1 REGISTERED REPORTS

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Rife, S., Lambert, Q., & TMT Consortium (2019). Registered Replication Report: Study 3 from Trafimow & Hughes (2012). In-principle accepted at *Advances in Methods and Practices in Psychological Science*. Materials and Stage 1 Manuscript available at <https://osf.io/atc39/>

## UNDER REVIEW / IN PREPARATION

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Peetz, H. K., **Primbs, M. A.**, Fenneman, J., & Lansu, T. A. M. (in preparation). Reliability and Validity of the Single-Person Approach of Measuring Implicit Attitudes.

**Primbs, M. A.**, Sommet, N., Bijlstra, G., Payne, K., Faure, R., Lansu, T. A. M., Holland, R. W., Diekman, A., & Vuletic, H. A. (in preparation). On the Effects of Confederate Monuments and their Removal.

**Primbs, M. A.**, Bijlstra, G., Holland, R. W., & Thoemmes, F. (under review). Causal Inference for Dummies: A Tutorial on Directed Acyclic Graphs and Balancing Weights.

Available at: <https://osf.io/preprints/psyarxiv/mda97>

**Primbs, M. A.**, Wienk, M. N. A., Holland, R. W., Calanchini, J., & Bijlstra, G. (under review). Legacies of Hate: The Psychological Legacy of the Ku Klux Klan. Available at <https://osf.io/preprints/psyarxiv/pejhw>

**Primbs, M. A.**, Connor, P., Holland, R. W., Peetz, H.\*, Dudda, L.\*, Faure, R., & Bijlstra, G. (under review). The Complex Ring of Jingle Bells: The Effects of Christmas on Implicit bias Towards Racial, Religious, and Sexual Minorities. Available at: <https://psyarxiv.com/vc8sh/>

\*equal contributions

Adetula, A., Forscher, P. S., Basnight-Brown, D., Wagge, J., Nawalima, T., ..., **Primbs, M. A.**, & Ijzerman, H. (under review). The evaluation of harm and purity transgressions in Africans: A paradigmatic replication of Rottmand and Young (2019). Available at: <https://osf.io/preprints/africarxiv/hxjbu>

Bijlstra, G., **Primbs, M. A.**, Mosannenzadeh, F., & Holland, R. (under review). Threat modulates the in-group bias in face detection.

## OTHER PUBLICATIONS

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Tierney, W., Hardy, J. H., III., Ebersole, C., Leavitt, K., Viganola, D., ..., Hiring Decisions Forecasting Collaboration, & Uhlmann, E.L. (2020). Creative destruction in science. *Organizational Behavior and Human Decision Processes*, 161, 291-309. Available at: <https://doi.org/10.1016/j.obhdp.2020.07.002>. (Member of Forecasting Collaboration).

## CONFERENCE PRESENTATIONS

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**Primbs, M. A.**, Holland, R., & Bijlstra, G. (2023). Implicit Bias Updates in Response to Societal Events. Conference of the European Social Cognition Network (ESCON).

**Primbs, M. A.**, Holland, R., & Bijlstra, G. (2023). Implicit Bias Updates in Response to Societal Events. EASP Special Meeting on the Psychology of Attitudes: Social Processes of Evaluation.

**Primbs, M. A.**, Holland, R., Lansu, T., Faure, R., & Bijlstra, G. (2023). The Effects of BLM on racial attitudes in the United States. Conference of the European Association for Social Psychology (EASP).

**Primbs, M. A.** (2023). A multi-site behavioural field experiment. Conference of the Society for the Improvement of Psychological Science.

**Primbs, M. A.**, Holland, R., Oude Maatman, F., Lansu, T., Faure, R., & Bijlstra, G. (2023). The Effects of BLM on racial attitudes in the United States. Conference of the Dutch Social Psychological Association (ASPO).

**Primbs, M. A.**, Holland, R., Lansu, T., Faure, R., & Bijlstra, G. (2022). The Effects of BLM on racial attitudes in the United States. Conference of the European Social Cognition Network (ESCON).

**Primbs, M. A.**, Rinck, M., Holland, R., Knol, W., Nies, A., & Bijlstra, G. (2022). The Effect of Face Masks on the Stereotype Effect in Emotion Recognition. Conference of the Dutch Social Psychological Association (ASPO).

**Primbs, M. A.**, Flake, J. K., Gjoneska, B., Pfuhl, G., Wagge, J., Buchanan, E. M., Forscher, P., Silan, M., & Coles, N. (2021). Large-Scale Psychological Science: Reflecting on lessons learned. Conference of the Society for the Improvement of Psychological Science. Presented by all authors.

**Primbs, M. A.**, Rinck, M., & Bijlstra, G. (2021). Do face masks influence the stereotype effect in emotion recognition? An investigation using specification curve analysis. Conference of the Society for Affective Science: Opening Affective Science Pre-conference.

Awarded a registration fee waiver sponsored by the Society for the Improvement of Psychological Science.

**Primbs, M. A.**, Holland R., Quandt, J., & Bijlstra, G. (2020). Data pre-processing disorsts results and conclusions in reaction time data. AIMOS 2020 Conference.

**Primbs, M. A.**, Holland R., Quandt, J., & Bijlstra, G. (2020). How data pre-processing distorts results and conclusions in reaction time data. Psychological Science Accelerator 2020 Conference.

Buchanan, E. M., Wagge, J., **Primbs, M. A.**, Steltenpohl, C. N., & Miller, J. (2020). Here's the PSA! Conference of the Society for the Improvement of Psychological Science. Presented by all authors.

**Primbs, M. A.**, Holland R., & Bijlstra, G. (2019). The Influence of Data Trimming and Transformation on Results and Conclusions in Reaction-Time-Based Tasks: The Case of Breaking Continuous Flash Suppression. Conference of the Dutch Social Psychological Association (ASPO).

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## INVITED TALKS & WORKSHOPS

**Primbs, M. A.** (2023) & Peetz, H. (2023). Multiverse Analysis. Association for Cognitive Bias Modification.

**Primbs, M. A.** (2023). An introduction to multiverse analysis. Boost your Skills Day, Behavioural Science Institute, Radboud University.

**Primbs, M. A.** (2022). Robustness check with specification curve analysis. Open Science Workshop, University of Tübingen.

**Primbs, M. A.** (2022). Researchers degrees of freedom in data pre-processing. Open Science Workshop, University of Tübingen.

**Primbs, M. A.** (2021). The multiverse problem in data analysis. Department of Psychometrics & Statistics, University of Groningen.

**Primbs, M. A.** (2021). An introduction to data pre-processing and multiverse analysis. ReproducibiliTea Glasgow.

**Primbs, M. A.** (2021). An introduction to data pre-processing and multiverse analysis. Department of Psychology, Durham University.

**Primbs, M. A.** & Volz, L. (2021). The importance of data pre-processing. Dutch National Open Science Festival.

**Primbs, M. A.** & Volz, L. (2020). Multiverse Analyses. Social Psychology Brown Bag Lunch, Behavioural Science Institute, Radboud University.

**Primbs, M. A.** & Volz, L. (2020). The importance of data pre-processing. Online Workshop Series Dutch National Open Science Festival.

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## ATTENDED WORKSHOPS

Advanced Methods for Reproducible Science Workshop, Cumberland Lodge, England.	05/01 - 10/01/2020
Open Science: Bottom Up, Munich	28/11 - 30/11/2019

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## BLOGPOSTS

**Primbs, M. A.** (2019). Doing Open Science in a Developing Country – An Interview with Dr. Chuan-Peng Hu. *Journal of European Psychology Students - Bulletin*. Available at: <https://blog.efpsa.org/>

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## SOFTWARE

**Primbs, M. A.** & Volz, L. (2020). Shiny Data Pre-Processing: Visualising the effects of data pre-processing decisions on statistical results and conclusions. Available at [https://levolz.shinyapps.io/data\\_preprocessing/](https://levolz.shinyapps.io/data_preprocessing/)

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## STATISTICS & PROGRAMMING EXPERIENCE

<b>Programming</b>	R (advanced), R Shiny (advanced), Python (intermediate), Inquisit (intermediate)
<b>Statistical Software</b>	R (advanced), SPSS (intermediate), JASP (intermediate)
<b>Statistical Procedures</b>	Multiverse Analyses (advanced), Mixed Linear Models (intermediate), Structural Equation Modelling (basic)

## SERVICE & COMMITTEES

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### Society for the Improvement of Psychological Science

<i>Graduate Student Member (ex officio)</i>	01/2022 - present
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### Psychological Science Accelerator

<i>Assistant Director for Translation and Cultural Diversity</i>	03/2021 - present
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<i>Translation &amp; Cultural Diversity Committee</i>	03/2020 - present
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Coordination of translation into 40+ languages for the PSA's Covid-19 studies

Assistance with Meta-Translation Project: Comparison of efficacy of multiple translation procedures

### Open Science Community Nijmegen

<i>Steering Committee</i>	10/2020 - 05/2021
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Coordination and organisation of local Open Science Community

### Maizena

<i>Workshop Committee</i>	09/2019 - 08/2021
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Organisation of workshops for research master students

### Behavioural Science Institute, Radboud University

<i>Evaluation Committee</i>	09/2019 - 08/2021
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Evaluation of courses & preparation of feedback for lecturers

Representation of fellow students in the committee <i>PhD Platform</i>	01/2023 - 08/2024
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Representation of the Social Psychology PhD students in organisational governance	01/2023 - 08/2024
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<i>Scientific Rigour Working Group</i>	01/2023 - 08/2024
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Organisation of Open Science events and workshops

## EDITORIAL BOARDS & REVIEWING

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Journal of European Psychology Students - Editor.	04/2019 - 04/2020
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