Dr. rer. nat. Neele Engelmann

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CURRENT POSITION

Postdoctoral researcher Berlin, Germany
Max Planck Institute for Human Development Since 09/2023
Center for Humans and Machines

PREVIOUS POSITIONS

Postdoctoral researcher Bochum, Germany
Ruhr-University Bochum 04/2022 - 08/2023
Center for Law, Behaviour, and Cognition

– DFG/CAPES-funded project: "Experimental legal philosophy: The concept of law revisited". Principal investigator: Stefan Magen
– September 2022: Research stay at University of Granada (Spain)
– April/May 2023: Research stay at Insper, São Paulo, and PUC Rio de Janeiro (Brazil)

EDUCATION

Dr. rer. nat. Psychology Göttingen, Germany
Georg-August-University Göttingen. Grade: magna cum laude ("with great honors") 2017 - 2022
Georg-Elias-Müller Institute for Psychology
Cognitive and Decision Sciences

– Thesis: "The role of causal representations in moral judgment". Advisor: Michael R. Waldmann.
– Defense date: August 29, 2022

M.Sc. Psychology Göttingen, Germany
Georg-August-University Göttingen. Grade: 1.3 ("very good") 2014–2017

– Thesis: "An empirical investigation of the effects of prescriptive and statistical normality on judgments of actual causation and accountability". Grade: 1.0 ("very good"). Advisor: Michael R. Waldmann
– Research stay at University College London, UK (Summer 2016), Department of Experimental Psychology, Causal Cognition Lab (David Lagnado)

B.Sc. Psychology Göttingen, Germany
Georg-August-University Göttingen. Grade: 1.3 ("very good", degree awarded with distinction) 2010–2014

– Thesis: "Foraging with threatened options". Grade: 1.0 ("very good"). Advisor: Hansjörg Neth
– Study stay at Université Paris Est Créteil Val de Marne, France (Summer 2014), Studies of French philology, literature, philosophy and history

PUBLICATIONS

Engelmann, **N.**, & Hannikainen, I. R. (2024). Does moral valence influence the construal of alternative possibilities? *Possibility Studies & Society.*

Engelmann, N. (2023). Murderer at the door! To lie or to mislead? [in press]. In A. Wiegmann (Ed.), *Lying, fake news, and bullshit.* Bloomsbury.

Engelmann, **N.**, & Kirfel, L. (2023). Who caused it? Different effects of statistical and prescriptive abnormality on causal selection in chains [in press]. In K. Tobia (Ed.), *The Cambridge handbook of experimental jurisprudence*. Cambridge University Press.

Stephan, S., **Engelmann**, **N.**, & Waldmann, M. R. (2023). The perceived dilution of causal strength. *Cognitive Psychology*, *140*, 101540.

Engelmann, **N.**, & Waldmann, M. R. (2022a). How causal structure, causal strength, and foreseeability affect moral judgments. *Cognition*, *226*, Article 105167.

Engelmann, **N.**, & Waldmann, M. R. (2022b). How to weigh lives. A computational model of moral judgment in multiple-outcome structures. *Cognition*, *218*, Article 104910.

Wiegmann*, A., & **Engelmann*, N.** (2022). Is lying morally different from misleading? An empirical investigation. In L. Horn (Ed.), *From lying to perjury: Linguistic and legal perspectives on lies and other falsehoods* (pp. 89–111).

Engelmann, **N.**, & Waldmann, M. R. (2021). A causal proximity effect in moral judgment. In T. Fitch, C. Lamm, H. Leder, & K. Teßmar-Raible (Eds.), *Proceedings of the 43rd meeting of the cognitive science society* (pp. 2330–2336).

Viebahn*, E., Wiegmann*, A., **Engelmann**, **N.**, & Willemsen, P. (2021). Can a question be a lie? An empirical investigation. *Ergo*, *8*, Article 7.

Hagmayer, Y., & **Engelmann**, **N.** (2020). Asking questions to provide a causal explanation – Do people search for the information required by cognitive psychological theories? In E. A. Bar-Asher Siegal & N. Boneh (Eds.), *Perspectives on causation: Selected papers from the Jerusalem 2017 workshop* (pp. 121–147). Springer International Publishing.

Wiegmann*, A., & **Engelmann*, N.** (2020). Entwicklungen und probleme der moralpsychologie zu beginn des 21. jahrhunderts [Developments and problems in moral psychology in the 21st century]. In N. Paulo & J. C. Bublitz (Eds.), *Empirische ethik - Grundlagentexte aus psychologie und philosophie* (pp. 139–175). Suhrkamp Verlag.

Engelmann, **N.**, & Waldmann, M. R. (2019). Moral reasoning with multiple effects: Justification and moral responsibility for side effects. In W. D. Gray & C. D. Schunn (Eds.), *Proceedings of the 41th meeting of the cognitive science society* (pp. 1703–1709).

Hagmayer, Y., & **Engelmann**, **N.** (2014). Causal beliefs about depression in different cultural groups — What do cognitive psychological theories of causal learning and reasoning predict? *Frontiers in Psychology*, *5*, Article 1303.

Neth, H., **Engelmann**, **N.**, & Mayrhofer, R. (2014). Foraging for alternatives: Ecological rationality in keeping options viable. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), *Proceedings of the 36rd meeting of the cognitive science society* (pp. 1078–1083).

* = shared first authorship

Manuscripts under Review

Almeida, G. F. C. F., Nunez, J. L., **Engelmann**, **N.**, Wiegmann, A., & de Araújo, M. (2023). Exploring the psychology of LLM's moral and legal reasoning.

Manuscripts in Preparation

Engelmann, **N.**, Almeida, G. F. C. F., Oliveira, F., Prochownik, K., Hannikainen, I., Struchiner, N., & Magen, S. (2023). Is there a duty to apply immoral laws?

Scholarships and Awards

- 2023: Nominated for the dissertation prize of the German Psychological Society (DGPs), General Psychology section

- 2023: Travel grant by Fritz Thyssen Stiftung for research stay at Insper, São Paulo, and PUC Rio de Janeiro, Brazil, ca. 3000€
- 2016: Erasmus+ Scholarship for research stay at University College London, UK, ca. 1500€
- 2014: Erasmus Scholarship for stay at Université Paris Est Créteil Val de Marne, Paris, France, ca. 1500€
- 2014: "Niedersachsenstipendium" (Scholarship awarded by the German Federal Ministry of Education and Research for outstanding grades and political engagement, 500€)
- 2012–2013: "Deutschlandstipendium" (Scholarship awarded by the German Federal Ministry of Education and Research for outstanding grades and political engagement, 12 x 300€)

INVITED TALKS

- Engelmann, N., "Is lying morally different from misleading? An empirical investigation", *Workshop "Deceptive speech acts in philosophy and law", Jagiellonian University Kraków, Poland, October 05 - 06, 2023.*

- "The role of causal representations in moral judgment", *Dissertation competition of the German Psychological Society (DGPs), General Psychology section, Schloss Rauischholzhausen, June 24, 2023.*

- "An empirical investigation of the relationship between law and morality", *PUC Rio de Janeiro, May 15, 2023.*

- "Causal reasoning", *Insper, São Paulo, May 02, 2023.*

- "The role of causal representations in moral judgment", *Stanford University, Causality in Cognition Lab , October 17, 2022.*

- "How to weigh lives. A computational model of moral judgment in multiple-outcome structures", *Workshop "Moral dilemmas involving self-driving cars", Bundeswehr University, Munich, October 7, 2022.*

- "The role of causal representations in moral judgment", *University of Granada, Department of Philosophy , September 28, 2022.*

- "A causal proximity effect in moral judgment", *Chicago/Michigan Psychology and Law Studies Lab , September 29, 2021.*

- "A causal proximity effect in moral judgment", *Georgetown Law & Language Lab, September 13, 2021.*

- Invited discussant, *Workshop "The Moral Psychology of War." Oxford Institute for Ethics, Law, and Armed Conflict (ELAC) & Nuffield College Oxford, May 13 - 14, 2021.*

- Invited author, *book workshop "Empirische Ethik". Center for Interdisciplinary Research at Bielefeld University, Germany, August 29 - 30, 2019.*

- "Norms and causation - Current empirical findings" (with Lara Kirfel), *Workshop "The Experimental Philosophy of Morality and Causation - Perspectives from Philosophy, Psychology, and Law." Ruhr University Bochum, Germany, June 13, 2017.*

CONFERENCE TALKS

- Engelmann, N. & Wiegmann, A., "Is lying morally different from misleading? An empirical investigation", *2nd European Experimental Philosophy Conference, Granada, Spain, September 08 - September 10, 2022.*

- Engelmann, N. & Wiegmann, A., "Is lying morally different from misleading? An empirical investigation", *Joint Meeting of the Society for Philosophy and Psychology (SPP) and the European Society for Philosophy and Psychology (ESPP), Milan, Italy, July 19 - July 22, 2022.*

- Wiegmann, A. & Engelmann, N., "Is lying morally different from misleading? An empirical investigation", *Workshop "Commitments in Grammar and Discourse" at the Annual Meeting of the German Society for Linguistics, February 23, 2022 (Online).*

- Engelmann, N. & Waldmann, M.R., "Moral reasoning with multiple effects: Exploring the scope of a subjective-utilitarian approach", *Annual Meeting of the European Society for Philosophy and Psychology (ESPP), Titania Hotel, Athens, Greece, September 6, 2019.*

- Engelmann, N. & Waldmann, M.R., "Moral reasoning with multiple effects: Exploring the scope of a subjective-utilitarian approach", *European Conference for Cognitive Science, Ruhr University Bochum, Germany, September 3, 2019.*

- Engelmann, N. & Waldmann, M.R., "Moral reasoning with multiple effects", *Tagung experimentell arbeitender Psychologen (Teap), London Metropolitan University, UK, April 17, 2019.*

Poster Presentations

- Engelmann, N. & Waldmann, M.R., "How to weigh lives. A computational model of moral judgment in multiple-outcome structures.", *Poster presentation at the workshop "Engineering and Reverse-Engineering Morality" at the Annual Meeting of the Cognitive Science Society, July 26, 2021 (online)*

- Engelmann, N. & Waldmann, M.R., "A causal proximity effect in moral judgment", *Poster presentation at the Annual Meeting of the Cognitive Science Society, July 26 - 29, 2021 (Online)*

- Engelmann, N. & Waldmann, M.R., "A causal proximity effect in moral judgment", *Poster presentation at the Annual Meeting of the Society for Philosophy and Psychology (SPP), June 28 - July 02, 2021 (Online)*

- Engelmann, N. & Waldmann, M.R., "Moral reasoning with multiple effects", *Poster presentation at the Annual Meeting of the Cognitive Science Society, Palais des Congrès, Montréal, Canada, July 27, 2019.*

- Engelmann, N. & Waldmann, M.R., "Moral reasoning with multiple effects", *Poster presentation at the RTG 2070 conference "Understanding Social Relationships", German Primate Center, Göttingen, Germany, October 17, 2018.*

- Engelmann, N. & Waldmann, M.R., "The interaction between causality, foreseeability, and outcome valence in attributions of moral responsibility", *Poster presentation at the UK Xphi Conference, University College London, UK, June 14, 2018.*

- Viebahn, E., Wiegmann, A., Engelmann, N., & Willemsen, P., "Can a question be a lie? An empirical investigation", *Poster presentation at the UK Xphi Conference, University College London, UK, June 14, 2018.*

- Stephan, S., Engelmann, N., & Kirfel, L., "The influence of learned statistical abnormality on singular causation judgments", *Poster presentation at the UK Xphi Conference, University College London, UK, June 14, 2018.*

- Engelmann, N., Stephan, S., & Lagnado, D., "Functional norms and causal judgment", *Poster presentation at the Annual Meeting of the European Society for Philosophy and Psychology (ESPP), University of Hertfordshire, UK, August 16, 2017.*

Teaching

Courses

Quantitative Methods I (Bachelor Psychology): basics of research design and hypothesis testing, data visualisation, descriptive and inferential data analysis, data visualisation, power analyses. Practical exercises in MS Excel.

- Winter 2017/18, Winter 2018/19, Winter 2019/20, Winter 2020/21, Winter 2021/22

Quantitative Methods II (Bachelor Psychology): General Linear Model and applications (multiple linear regression and its assumptions, ANOVA, contrast analyses, logistic regression, multilevel models). Practical exercises in R and RStudio.

- Summer 2018, Summer 2019, Summer 2020, Summer 2021

Thesis Supervision

- **Deprivationism vs. willhavehadism - The influence of life satisfaction on judgments in moral dilemmas.** M.Sc. thesis, A. Rinn, Summer 2022.
- **Moral intuitions about death.** M.Sc. thesis, F. Koniusch, Summer 2022.
- **Killing as a side effect: Investigating the violability of soldiers and civilians in war.** B.Sc. thesis, K. McElyea, Summer 2021 (co-supervision with Juan Carlos Marulanda).
- **AI and moral decisions: Can experience learning and process transparency increase acceptability?** M.Sc. thesis, A. Zobott, Summer 2020.
- **Lying, deceiving, misleading: Moral evaluation and the influence of perspective.** M.Sc. thesis, E. Köhler, Summer 2020 (co-supervision with Dr. Alex Wiegmann).
- **The influence of causal structure and beliefs about causal structure on judgments of causation and moral responsibility.** B.Sc. thesis, S. Ernst, Summer 2020.
- **Moral reasoning with multiple effects: Intentionality and moral responsibility for side effects.** B.Sc. thesis, M. Rocholl, Summer 2019.
- **The role of outcome valence for causal attributions in disjunctive causal structures.** B.Sc. thesis, L. Ahlwes, Summer 2019.
- **Causal questions and explanation.** B.Sc. thesis, L. Bertz, Summer 2018 (co-supervision with Prof. York Hagmayer).

SERVICE AND OTHER ACTIVITIES

- **Member of search committee for a professorship in work and organizational psychology** 2021/22
  Institute for Psychology, Georg-August-University Göttingen.
- **Participant in Dorothea Schlözer mentoring programme** 2021 - 2022
  Career mentoring for female PhD candidates and postdocs, selected for academic potential
- **Co-organizer of R-Ladies Göttingen** 2021
  Organization to promote gender diversity in the R community
- **Member of the ethics board** 2020 - 2022
  Institute for Psychology, Georg-August-University Göttingen.

AD HOC REVIEWS

- *Acta Psychologica*
- *Bloomsbury Press*
- *Cognition*
- *Cognitive Science*
- *Cognitive Psychology*
- *Journal of Experimental Social Psychology*
- *Nature Scientific Reports*
- *PLoS one*
- *Proceedings of the Annual Meeting of the Cognitive Science Society*
- *Royal Society Open Science*

Languages

- **German:** Native speaker
- **English:** Fluent
- **French:** Conversational

Software and Programming Skills

- R (advanced)
- LaTex (intermediate)
- MatLab (basics)
- Python (basics)