

## CURRENT POSITION

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### Postdoctoral researcher

Ruhr-University Bochum  
Center for Law, Behaviour, and Cognition

Bochum, Germany

Since 04/2022

- DFG/CAPES-funded project: “Experimental legal philosophy: The concept of law revisited”. Principal investigator: Stefan Magen
- Research stay at University of Granada, Department of Philosophy (September 2022)

## EDUCATION

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### Dr. rer. nat. Psychology

Georg-August-University Göttingen. Grade: magna cum laude (“with great honors”)  
Georg-Elias-Müller Institute for Psychology  
Cognitive and Decision Sciences

Göttingen, Germany

2017 - 2022

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

### M.Sc. Psychology

Georg-August-University Göttingen. Grade: 1.3 (“very good”)

Göttingen, Germany

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
- Additional courses in philosophy and German philology
- Research stay at University College London, UK (Summer 2016), Department of Experimental Psychology, Causal Cognition Lab (David Lagnado)

### B.Sc. Psychology

Georg-August-University Göttingen. Grade: 1.3 (“very good”, degree awarded with distinction)

Göttingen, Germany

2010–2014

- Thesis: “Foraging with threatened options”. Grade: 1.0 (“very good”). Advisor: Hansjörg Neth
- Additional courses in philosophy and French/Gallo-Roman studies
- Study stay at Université Paris Est Créteil Val de Marne, France (Summer 2014), Studies of French philology, literature, philosophy and history

## PUBLICATIONS

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- 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

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Stephan, S., **Engelmann, N.**, & Waldmann, M. R. (2022). The perceived dilution of causal strength.

## MANUSCRIPTS IN PREPARATION

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**Engelmann, N.**, & Kirfel, L. (2022). Who caused it? Different effects of statistical and prescriptive abnormality on causal selection in chains.

## SCHOLARSHIPS AND AWARDS

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- Erasmus+ Scholarship for research stay at University College London, UK, ca. 1500€ 2016
- 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€) 2014
- “Deutschlandstipendium” (Scholarship awarded by the German Federal Ministry of Education and Research for outstanding grades and political engagement, 12 x 300€) 2012–2013

## INVITED TALKS

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- “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

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- 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

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- 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

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### 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

- **Moral intuitions about death.** M.Sc. thesis, A. Rinn, Summer 2022 (co-supervision with Michael R. Waldmann).
- **Moral intuitions about death.** M.Sc. thesis, F. Koniusch, Summer 2022 (co-supervision with Michael R. Waldmann).
- **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).

## OTHER ACADEMIC EXPERIENCE

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- **Research assistant to York Hagmayer** 2012–2017  
*Georg-Elias-Müller-Institute for Psychology, Department of Cognitive and Decision Sciences.*
- **Teaching assistant to Hansjörg Neth** 2013

*Georg-Elias-Müller-Institute for Psychology, Department of Cognitive and Decision Sciences, Seminar “Basic Academic Skills”.*

- **Research assistant to Miriam Ellert** 2012–2013  
*Seminar of German Philology, Lab for Psycholinguistics.*
- **Teaching assistant to Willi Hager** 2011–2012  
*Georg-Elias-Müller-Institute for Psychology, Department of Cognitive and Decision Sciences, Seminar “Quantitative Methods I & II”.*

## SERVICE AND OTHER ACTIVITIES

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- **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*
- **Co-organizer of R-Ladies Göttingen** since 2021  
*Organization to promote gender diversity in the R community*
- **Member of the ethics board** since 2020  
*Institute for Psychology, Georg-August-University Göttingen.*

## AD HOC REVIEWS

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- *Acta Psychologica*
- *Cognition*
- *Cognitive Science*
- *Journal of Experimental Social Psychology*
- *PLoS one*
- *Proceedings of the Annual Meeting of the Cognitive Science Society*

## LANGUAGES

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

## SOFTWARE AND PROGRAMMING SKILLS

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

## REFERENCES

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- Prof. Dr. Michael R. Waldmann, Department of Psychology, University of Göttingen, Germany.  
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+49551 3933784  
<https://www.psych.uni-goettingen.de/en/cognition/team/waldmann>

- Prof. Dr. York Hagmayer, Department of Psychology, University of Göttingen, Germany.  
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+49551 398293  
<https://www.psych.uni-goettingen.de/de/cognition/team/hagmayer>
- Dr. Dr. Alex Wiegmann, Institute for Philosophy II, Ruhr University Bochum, Germany.  
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