

Lina Kramer

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EDUCATION

PhD project in causal inference for acute lung injury

Amsterdam UMC, The Netherlands

2023 -current

◦ Courses: Causal mediation analysis (Erasmus MC, 2024), Peerspectives (Charité Berlin, 2024), Semi-intensive Dutch language courses B1.2-B2.2 (UvA INTT, 2023-2024).

MSc Methodology & Statistics

Utrecht University, The Netherlands

2021 - 2023

BSc Psychology

Leuphana University Lüneburg, Germany

2017 - 2021

ACADEMIC OUTPUT

- D.F.L. Filippini, M. Jiang, L. Kramer, et al. "Plasma H3.1 nucleosomes as biomarkers of sepsis and organ failure." *Critical Care*, 2025 (in press).
- E.S. Munroe, A. Spicer, A. Castellvi-Font, et al. "Evidence-based personalised medicine in critical care: a framework for quantifying and applying individualised treatment effects in patients who are critically ill." *Lancet Respiratory Medicine*, published online 15 Apr. 2025, doi:10.1016/S2213-2600(25)00054-2.
- L. Kramer, S. Lüdtke, and P.A. Freund. "Need for cognition, academic self-efficacy and parental education predict the intention to go to college—evidence from a multigroup study." *Frontiers in Psychology*, 2025, doi:10.3389/fpsyg.2025.1487038.

EXPERIENCE

Conferences & Symposia

- Symposium: Translationele Intensive Care Geneeskunde, 2024 Amsterdam (Attendance).
- AI in All symposium, 2024 Amsterdam (Poster presentation).
- Critical Care Forum Canada, 2023 Toronto (Attendance).
- Heterogeneity in treatment effect meeting, 2023 Toronto (Attendance).

Teaching

- Adaptive trial design (Master 'Personalized Medicine', VU Amsterdam, 2024).
- Advanced Research Methodology and Statistics (Utrecht University, 2021-2023).
- Applied Multivariate Statistics; Statistical Programming with R (Utrecht Summer School, 2022-2023).

STATISTICAL SOFTWARE

- R
- SPSS
- JAGS
- MPlus
- JASP
- Basic python (including PyTorch and TensorFlow)