

CV

Lucija Batinović

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EDUCATION

Doctor of Philosophy – Disability Research

Linköping University Jan 2022 — Present

- Open Science for Evidence Synthesis In Special Education

M.Sc. – Work and Organizational Psychology

Linnaeus University 2019 — 2021

- Systematic review of age discrimination in hiring

B.A. – Psychology

University of Zadar 2016 — 2019

WORK EXPERIENCE

Editorial Assistant and Reproducibility Coordinator at [Meta-Psychology](#)

Linnaeus University 2021 — Present

- Conducted over 35 reproducibility checks of statistical analyses of various complexities, from simulations to multilevel models and meta-analyses.
- Developed guidelines for reproducibility checks used by other reproducibility reviewers, and created guidelines for the journal's reproducibility requirements.
- Reviewed adherence to preregistrations of the submitted articles.

Research Assistant

Linnaeus University 2021 — 2022

- Screened, extracted, synthesized and assessed risk of bias of original studies and systematic reviews in systematic and meta-reviews

TEACHING AND TALKS

- Teaching and material development for master students: systematic reviews, open science and reproducibility in statistics (LiU, 2024; 2025)
- Introduction to meta-analysis for Psychology Students at University of Split
- Seminar about Computational reproducibility checks in scientific publishing at the Stanford Meta-Research Innovation Center in 2023 (Talk available [here](#); [slides](#))
- [Seminar/workshop](#) on preregistration and computational reproducibility mistakes for the Danish Reproducibility Network in 2025
- SIPS workshop on computational errors in reproducibility checks (Padova 2023)
- Batinović, L., & Andre, K. (2023). ELD CAMA platform for educational interventions. 4th symposium on big data and research syntheses in psychology. <https://urn.kb.se/resolve?urn=urn:nbn:se:liu:diva-200463>
- Batinović, L., & Kalmendal, A. (2023). ELD CAMA Platform: Facilitating Meta-Analyses and Evidence-Based Practice in Education. QRM Conference 2023, Pedagogen, Gothenburg University, Gothenburg, Sweden, June 12-13, 2023. <https://urn.kb.se/resolve?urn=urn:nbn:se:liu:diva-194976>
- Batinovic, L., & Kalmendal, A. (2024). Community Augmented Meta-Analysis of Evidence in Learning and Didactics. META-REP 2024, October 28-31, München. <https://urn.kb.se/resolve?urn=urn:nbn:se:lmu:diva-133241>
- Carlsson, R., Batinovic, L., Kalmendal, A., Nordström, T., & Bergmann, C. (2021). Community Augmented Meta-analysis. Swedish Reproducibility Network (SweRN) and 2nd annual conference of Open Science Community Sweden, Stockholm, November 25, 2021. <https://urn.kb.se/resolve?urn=urn:nbn:se:lmu:diva-108280>
- Nordström, T., Kalmendal, A., Batinovic, L., Däldborg, P., Dahl, H., Hyltse, N., & Carlsson, R. (2024). Reproducibility, Open Science, FAIR and Risk Of Bias in Educational Systematic Reviews: A systematic living meta-review of research standards. META-REP 2024, the conference on meta-science and replicability in the social, behavioural, and cognitive sciences. Munich, Germany, October 28 - 31, 2024. <https://urn.kb.se/resolve?urn=urn:nbn:se:lmu:diva-133228>

EVIDENCE DASHBOARDS

- Shiny apps for meta-analysis on a [living review platform](#)
- Interactive [dataset](#) of school interventions for students with intellectual disability

PAPERS

PUBLICATIONS

- Batinovic, L., Howe, M., Sinclair, S., & Carlsson, R. (2023). Ageism in Hiring: A Systematic Review and Meta-analysis of Age Discrimination. *Collabra: Psychology*, 9(1), 82194. <https://doi.org/10.1525/collabra.82194>
- Carlsson, R., Batinović, L., Hyltse, N., Kalmendal, A., Nordström, T., & Topor, M. (2024). A Beginner's Guide to Open and Reproducible Systematic Reviews in Psychology. *Collabra: Psychology*, 10(1), 126218. <https://doi.org/10.1525/collabra.126218>
- Kniffert, S., Buljan, I., Azevedo, F., Babinčák, P., Batinović, L., Evans, T. R., Garofalo, S., Graham, C., Groenink, L., Ihle, M., Klugar, M., Kočišová, L., Kohút, M., Kostomitsopoulos, N., Lacey, S., Lunić, A., Marušić, A., Nordström, T., Pennington, C. R., ... de Boer, M. R. (2025). Research methodology education in Europe: A multi-country, cross-disciplinary survey of current practices and perspectives. *Research Integrity and Peer Review*, 10(1), 24. <https://doi.org/10.1186/s41073-025-00183-x>
- Nordström, T., Kalmendal, A., & Batinovic, L. (2023). Risk of bias and open science practices in systematic reviews of educational effectiveness: A meta-review. *Review of Education*, 11(3), e3443. <https://doi.org/10.1002/rev3.3443>
- Stacey, J. E., Danielsson, H., Heinrich, A., Batinović, L., Holmer, E., Ingo, E., & Henshaw, H. (2023). Relationship between self-reported listening and communication difficulties and executive function: A protocol for a systematic review and meta-analysis. *BMJ Open*, 13(11), e071225. <https://doi.org/10.1136/bmjopen-2022-071225>

PREPRINTS

- Batinovic, L., Carlsson, R., Caquelin, L., Danielsson, H., Brown, N. J. L., Nilsonne, G., Nordström, T., Westwood, S. J., Heathers, J., Kalmendal, A., Topor, M., Fillon, A., Cummins, J., & Hyltse, N. (2025). Developing and Piloting a QUick Evaluation of Research Integrity for Evidence Synthesis in Education (QUERIES-Edu). OSF Registries. <https://doi.org/10.17605/OSF.IO/TC5N3>
- Batinovic, L., Hammarsten, J., Nilsson, K., Topor, M., Holmer, E., Parlett-Pelleriti, C., & Danielsson, H. (2024). Effectiveness of Reading Interventions on Word Recognition for Students with Intellectual Disability: A Systematic Review and IPD Meta-analysis of Single Case Experimental Designs. *PsyArXiv*. <https://doi.org/10.31234/osf.io/xu536>
- Batinović, L., Pickering, J. S., van den Akker, O. R., Bishop, D., Elsherif, M., Evans, T. R., Gibbs, M., Kalandadze, T., Staaks, J., & Topor, M. (2025). Stage 1: Gold in, gold out. Quality appraisal and risk of bias tools to assess non-intervention studies for systematic reviews in the behavioural sciences: A scoping review. *Peer Community in Registered Reports*. <https://doi.org/10.17605/OSF.IO/4GY5B>

- Batinović, L., Topor, M., Henriksson, I., Allgulín, M., Jonson, E., Carlsson, R., & Danielsson, H. (2025). School-based interventions for primary and secondary school students with intellectual disability: A scoping review. PsyArXiv. https://doi.org/10.31234/osf.io/heujm_v1
- Batinovic, L., Topor, M., Ivarsson, M., Levén, A., Danielsson, H., Figuerola, C. T., Nilsson, K., & Andin, J. (2025). A systematic review of short-term and working memory span abilities in children with intellectual disability; do the results support the delay or difference hypothesis? OSF Registries. <https://doi.org/10.17605/OSF.IO/BKE9Z>
- Kalmendal Bruns, A., Carlsson, R., & Batinovic, L. (2025). Living Review Platform for Educational Interventions: The Evidence in Learning Community Augmented Meta-analysis (Hjku5_v1). PsyArXiv. https://doi.org/10.31234/osf.io/hjku5_v1
- Topor, M., & Danielsson, H. (2025). Cognition and Intellectual Disability (CO-IND) Collaboration Project Registered Report. OSF Registries. <https://doi.org/10.17605/OSF.IO/9G2W8>