

Maria Korochkina, PhD

✉ maria.korochkina@rhul.ac.uk

🐙 [mariakna](#)

🆔 0000-0002-8017-7855

🌐 [zf8px](#)

📄 [TizAD-YAAAAJ](#)

📄 [Maria-Korochkina-2](#)

📄 [neuromatch.social/@mariakna](#)

Academic Employment

- 06/2022 – ongoing 📌 **Postdoctoral Research Fellow**, [Rastle Lab](#), Royal Holloway, University of London, UK
- 02/2020 – 06/2022 📌 **Academic Tutor**, Macquarie University, Australia
- 10/2019 – 01/2020 📌 **Research Assistant**, [Language Research Group](#), Macquarie University, Australia
- 04/2017 – 06/2018 📌 **Research Assistant**, [Vasishth Lab](#), University of Potsdam, Germany
- 07/2016 – 08/2018 📌 **Research Assistant**, [NOLA Lab](#), University of Potsdam, Germany

Education

- 2018 – 2022 📌 **PhD in Cognitive Science**
Joint degree from Universities of Potsdam (Germany), Newcastle (UK), Groningen (Netherlands), and Macquarie University (Australia), [IDEALAB PhD programme](#)
- 2015 – 2018 📌 **MSc in Experimental and Clinical Linguistics**
University of Potsdam, Germany, [IECL programme](#)
- 2010 – 2015 📌 **BA & MA in Philology**
Lomonosov Moscow State University, Russia

Teaching & educating

- 10/06/2024 📌 **Presenter**, Royal Holloway, University of London
ReproducibiliTea journal club: Fostering open science and reproducible research, Festival of Research
- 27/03/2024 📌 **Presenter**, Royal Holloway, University of London
Getting Started with Version Control, ReproducibiliTea meeting series
- 11/03/2024 📌 **Presenter**, Royal Holloway, University of London
Getting Started with \LaTeX , ReproducibiliTea meeting series
- 27/03/2023 📌 **Workshop instructor**, Royal Holloway, University of London
[Bayesian Linear Mixed Effects and Distributional Regression models with brms](#)
- 02/2020 – 06/2022 📌 **Academic Tutor**, Macquarie University
Session 1, 2021 & 2022: [Design and Statistics III](#)
Session 2, 2020 & 2021: [Design and Statistics II](#)
Session 2, 2020 & 2021: [Acquired Speech and Language Disorders](#)
Session 1, 2020: [Exp Design and Data Analysis for the Cognitive and Brain Sciences](#)
- 12/2021 📌 **Badged Instructor**, [The Carpentries](#)
- 18/02/2021 📌 **Workshop instructor**, Macquarie University
[Data analysis using \(generalised\) linear mixed effects models in R](#)
- 21–25/09/2020 📌 **Helper**, [Introduction to R Software Carpentry workshop](#), Macquarie University

Publications

Pre-registrations, data, materials, analysis code, & pre-prints for all papers are available on OSF (<https://osf.io/zf8px/>).

Peer-reviewed

- 1 **Korochkina, M.**, Marelli, M., Brysbaert, M., & Rastle, K. (2024). The Children and Young People's Books Lexicon (CYP-LEX): A large-scale lexical database of books read by children and young people in the united kingdom. *Quarterly Journal of Experimental Psychology*, Published online ahead of print. <https://doi.org/10.1177/17470218241229694>
- 2 **Korochkina, M.**, Nickels, L., & Bürki, A. (2024). What can we learn about integration of novel words into semantic memory from automatic semantic priming? *Language, Cognition, and Neuroscience*, 39(4), 455–488. <https://doi.org/10.1080/23273798.2024.2328586>
- 3 Lombard, A., Ulicheva, A., **Korochkina, M.**, & Rastle, K. (2024). The regularity of polysemy patterns in the mind: Computational and experimental data. *GLOSSA Psycholinguistics*, 3(1), 3, 1–24. <https://doi.org/10.5070/G60111327>
- 4 **Korochkina, M.**, Sowman, P., Nickels, L., & Bürki, A. (2023). Neural correlates of encoding in novel word learning. *Collabra: Psychology*, 9(1), 57525. <https://doi.org/10.1525/collabra.57525>
- 5 **Korochkina, M.**, Bürki, A., & Nickels, L. (2021). Apples and oranges: How does learning context affect novel word learning? *Journal of Memory and Language*, 120, 104246. <https://doi.org/10.1016/j.jml.2021.104246>

Under review

- 1 Crawford, M., Raheel, N., **Korochkina, M.**, & Rastle, K. (2023). Global literacy goals constrained by inadequate foundational decoding skills for pupils in low- and middle-income countries [Pre-print]. <https://osf.io/preprints/psyarxiv/2qxm9>

Theses

- 1 **Korochkina, M.** (2022). *Learning of new words: Behavioural and electrophysiological correlates of encoding and integration* [PhD thesis]. Macquarie University. <https://doi.org/10.25949/23707128.v1>

Outreach contributions

Publications

- 1 **Korochkina, M.**, & Rastle, K. (2024b). *What words do children encounter when they read for pleasure?* [Accessible blog post]. <https://www.rastlelab.com/post/what-words-do-children-encounter-when-they-read-for-pleasure>
- 2 **Korochkina, M.**, & Rastle, K. (2024c). *What words do children encounter when they read for pleasure?* [Republication of the original blog post], Nomanis, Issue 27. <https://www.nomanis.com.au/blog/issue-17-june-2024>

Talks

- 1 **Korochkina, M.**, & Rastle, K. (2024a). *What does it take to read and understand the GCSE English Literature texts?* Working Together: Research and Practice event 2024, The South East Research Network for Schools, Egham, UK, 21 June 2024.

Academic service

- Peer-review 📖 **Reviewer** for Psychonomic Bulletin & Review; Behavior Research Methods; Journal of Memory and Language; Language, Cognition, & Neuroscience; Advances in Cognitive Psychology; Language and Speech; Psychology & Neuroscience, Applied Psycholinguistics
- Open science 📖 **Organiser**, [ReproducibiliTea journal club](#), Royal Holloway, University of London

Honours & awards

- 2023 📖 **Student Researcher Credibility Prize**, British Neuroscience Association (GBP 500)
Read the media announcement [here](#)
- 2020 📖 **Postgraduate Research Fund**, Macquarie University (AUD 5,000)
- 2019 📖 **Conference travel & participant recruitment awards**, University of Potsdam (EUR 2,260)
- 2012 & 2014 📖 **Student exchange awards**, University of Vienna, Austria (EUR 5,000)

Scientific societies

- 📖 [The British Neuroscience Association](#)
- 📖 [The Experimental Psychology Society](#)
- 📖 [Society for the Scientific Study of Reading](#)
- 📖 [The European Society for Cognitive Psychology](#)
- 📖 [The Psychonomic Society](#)

Skills

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|----------------------------------|---|
| Experimental techniques | 📖 Behavioural, EEG, computational modelling |
| Programming languages & software | 📖 MatLab, Python, R, \LaTeX , Stata, HTML |
| Languages | 📖 English, German, Russian, Swedish, BSL (beginner), Icelandic (beginner) |