

Contact

Germany
natallevs@gmail.com

www.linkedin.com/in/natalia-levshina-28506a3a (LinkedIn)
levshina.github.io (Personal)
text-grinder.com (Blog)

Top Skills

University Teaching
Data Visualization
Data Collection

Languages

Russian (Native or Bilingual)
English (Full Professional)
French (Limited Working)
German (Professional Working)
Dutch (Professional Working)

Honors-Awards

Member of Academia Europaea

Publications

Comparing Bayesian and frequentist models of language variation: The case of help + (to) Infinitive.

How to Do Linguistics with R: Data exploration and statistical analysis

Probabilistic grammar and constructional predictability: Bayesian generalized additive models of help

Token-based typology and word order entropy: A study based on Universal Dependencies

When variables align: A Bayesian multinomial mixed-effects model of English permissive constructions

Natalia Levshina

Language sciences, AI, statistics
Germany

Summary

I am an Assistant Professor of Communication and Computational Methods at Radboud University. Prior to this role, I conducted research at the Max Planck Institute for Psycholinguistics. During my stay there, I focused on the fascinating topic of communicative efficiency, culminating in the publication of my book "Communicative Efficiency: Language Structure and Use" (Cambridge University Press, 2022). My expertise extends across several domains, including usage-based and cognitive linguistics, quantitative corpus-based typology and pragmatics. I have a wealth of experience of data analysis with R and Python, employing methods such as Deep Learning, frequentist and Bayesian GLMMs, random forests and data visualisation. I have published the popular manual "How to Do Linguistics With R" (John Benjamins, 2015), as well as scholarly papers and chapters on methodological topics for language scientists.

Experience

Radboud University

Assistant professor of communication and computational methods
September 2023 - Present (2 years 9 months)
Nijmegen

Max Plank Institute for Psycholinguistics

Postdoctoral Researcher
October 2019 - September 2023 (4 years)
Nijmegen Area, Netherlands

Postdoctoral researcher in the consortium "Language In Interaction", working at the Neurobiology of Language Department

Leipzig University

Postdoctoral Researcher
January 2016 - September 2019 (3 years 9 months)
Leipzig Area, Germany

Comparative corpus linguist, typologist and data analyst in the ERC-funded project "Grammatical Universals" (PI Martin Haspelmath).

postdoctoral researcher FNRS - Université catholique de Louvain
Postdoctoral Researcher

October 2013 - December 2015 (2 years 3 months)

Louvain-la-Neuve

Working on my postdoctoral project in corpus-based typology (funded by the F.R.S.-FNRS research foundation)

Philipps-Universität Marburg

Postdoctoral Researcher

October 2012 - September 2013 (1 year)

Marburg

typology, parallel corpora, sparse matrices, programming, lexical semantics, word order variation

University of Jena

lecturer/researcher

2012 - September 2012 (less than a year)

April - September 2012

teaching: Semantics & Pragmatics, Corpus Linguistics;

research project: corpus-based typology

University of Leuven

PhD student

December 2007 - November 2011 (4 years)

statistics, Dutch linguistics, Construction Grammar, programming, Corpus Linguistics, Cognitive Semantics

Education

University of Leuven

PhD, Linguistics · (2007 - 2011)

St. Petersburg State University

Candidate of philological sciences, general linguistics · (September 2000 - April 2006)