

Mika Braginsky

they/them ✉ mika.br@gmail.com  [mikabr](https://github.com/mikabr)  mikabr.io

EDUCATION

PhD, Cognitive Science, Massachusetts Institute of Technology 2022
BS, Computer Science and Engineering & Brain and Cognitive Sciences, Massachusetts Institute of Technology 2014

EMPLOYMENT

Postdoctoral Scholar, Quantitative Sciences Unit, Stanford University Mar 2022 – Present
Developing tools for reducing statistical bias in meta analysis. metabias.io
Conducting studies on interventions for reducing meat consumption.

Graduate Student Researcher, Department of Brain and Cognitive Sciences, MIT Sep 2016 – Jan 2022
Conducted large scale data analyses of children's lexical and morphological development.
Co-authored a book of data-driven analyses of children's language learning: wordbank-book.stanford.edu
Variability and Consistency in Early Language Learning: The Wordbank Project (MIT Press, 2021)

Research Assistant, Department of Psychology, Stanford University Sep 2014 – June 2016
Developed tools for language acquisition research and conducted analyses of vocabulary development.

Research and Development Intern, Basis Technology Jun 2013 – Aug 2013
Improved a statistical model for named-entity resolution and entity linking.

TEACHING

Co-Author, *Experimentology: An Open Science Approach to Experimental Psychology Methods* experimentology.io
Co-authoring a textbook on experimental methods and open science (MIT Press, in progress), including interactive tutorials for learning tidyverse and ggplot2.

Presenter, Research Methods Seminar, Stanford University (October 2022) rpubs.com/mikabr/jglmm-qsu
Tools for fitting generalized linear mixed-effects models in Julia from R.

Teaching Assistant, Laboratory in Psycholinguistics, MIT (2018 – 2021) web.mit.edu/psycholinglab/public
Developed and taught weekly hands-on labs on tidyverse-based data analysis and visualization.
Received four annual departmental awards for Excellence in Undergraduate Teaching (2019–2022).

Workshop Instructor, LSA Linguistic Institute 2019 (July 2019) mikabr.io/acq-tools/acq-tools-lsa.html
Created and taught workshop on the use of large-scale data tools in child language acquisition.

R PACKAGES

The following are some of the R packages for which I am the maintainer and the primary or sole author.

Statistics

<code>multibiasmeta</code>	Analyses for within-study and across-study biases in meta-analysis	github.com/mikabr/multibiasmeta
<code>phacking</code>	Analyses for p-hacking in meta-analysis	github.com/mikabr/phacking

Modeling

<code>jglmm</code>	Fitting and analyzing generalized linear mixed effects models in Julia	github.com/mikabr/jglmm
<code>tidyboot</code>	Tidyverse-compatible bootstrapping	github.com/langcog/tidyboot

Data

<code>peekbankr</code>	Accessing peekbank, a database of developmental eye-tracking datasets	github.com/langcog/peekbankr
<code>childesr</code>	Accessing childes-db, a database of child language corpora	github.com/langcog/childesr
<code>wordbankr</code>	Accessing Wordbank, a database of vocabulary development data	github.com/langcog/wordbankr