Mika Braginsky

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🎓 EDUCATION

Massachusetts Institute of Technology   Sep 2016 – Present
  Ph.D. Candidate, Brain and Cognitive Sciences
  NSF Graduate Research Fellowship Program Fellow

Massachusetts Institute of Technology   Sep 2010 – Jun 2014
  B.S. in Computer Science and Engineering & Brain and Cognitive Sciences

⌥ OPEN SOURCE SOFTWARE

This list is a sample of some of the R-based open source software projects for which I am or was the primary developer.

peekbankr   github.com/langcog/peekbankr   Aug 2019 – Present
  R package for accessing peekbank, a database of developmental eye-tracking datasets.

jglmm   github.com/mikabr/jglmm   Dec 2018 – Present
  R package for fitting generalized linear mixed effects models in Julia.

ggpirate   github.com/mikabr/ggpirate   Sep 2017 – Present
  R package for making more informative alternatives to bar plots.

rwebppl   github.com/mhtess/rwebppl   Feb 2016 – Present
  R package providing an interface to the WebPPL probabilistic programming language.

wordbankr   github.com/langcog/wordbankr   Jul 2015 – Present
  R package for accessing Wordbank, a database of vocabulary development data.

tidyboot   github.com/langcog/tidyboot   Jun 2015 – Present
  R package for doing tidyverse-compatible bootstrapping.

Wordbank   wordbank.stanford.edu   Mar 2014 – Aug 2017
  Database of vocabulary development data (using Python and MySQL).
  Interactive tools for its access (using R Shiny).
  Demo presented at RStudio Shiny Developer Conference 2016.

👥 TEACHING EXPERIENCE

Teaching Assistant, Laboratory in Psycholinguistics   web.mit.edu/psycholinglab/public   2018 – Present
  Develop and teach weekly labs on tidyverse-based data analysis and visualization.
  Received two departmental awards for Excellence in Undergraduate Teaching (2019, 2020).

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

🗃 OTHER EXPERIENCE

Co-Author, *Variability and Consistency in Early Language Learning: The Wordbank Project*   MIT Press, March 2021
  wordbank-book.stanford.edu
  Co-authored a book of data-driven analyses of children's language learning.

Independent Contractor, rOpenSci   Jun 2016 – Jul 2016
  Developed an R package for automatic deployment of R package documentation by Travis CI.