

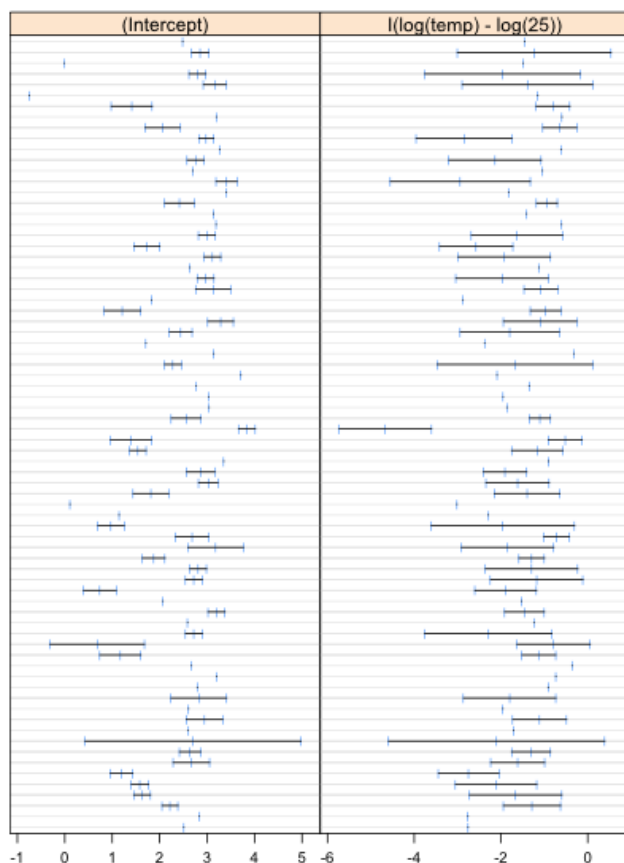
# INTRO TO MIXED-EFFECTS MODELS WORKSHOP

Feb. 6, 12:30-1:30pm

Room 121, Social Sciences 2

with Professor Adrian Brasoveanu

Associate Professor of Linguistics at UC Santa Cruz



The UCSC Center for Statistical Analysis in the Social Sciences offers this hands-on workshop to help you become familiar with mixed-effects models, a class of models that include both fixed and random effects and that can help analyze grouped data common in the social sciences & humanities. This workshop will include:

(1) A basic, practical introduction to mixed-effects models and how we can use them to analyze experimental or observational data using the freely available *R* and *JAGS* software packages.

(2) A follow-up discussion of the importance of selecting appropriate random-effect structures when analyzing data. We will focus on linguistic data from a binary choice experiment and a range of mixed-effects logistic regression models that could be used to analyze that data, and we will see how different empirical generalizations emerge as a consequence of the distinct random-effect structures instantiated by these different models.

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Questions? Please email [jwarshaw@ucsc.edu](mailto:jwarshaw@ucsc.edu)

A preview of some of the material Prof. Brasoveanu will use is available at [http://people.ucsc.edu/~abrsvn/general\\_correlated\\_ranefs\\_bayes\\_jags.r](http://people.ucsc.edu/~abrsvn/general_correlated_ranefs_bayes_jags.r)