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Data Analysis A Bayesian Tutorial D.S.Sivia Rutherford Appleton Laboratory and St. Catherine's College, Oxford with J.Skilling Maximum Entropy Data Consultants, Cambridge 1. 3 Great Clarendon Street, Oxford OX2 6DP Oxford University Press is a department of the University of Oxford.

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In this article, we provide a tutorial introduction to fitting Bayesian linear mixed models. In order to make it easy for the newcomer to Bayesian data analysis to fit models, we use the popular and powerful R package brms, version 2.1.9 (Bürkner, 2016), which uses lme4 syntax that researchers in linguistics and psychology are familiar with.

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