

Bayesian Methods For Ecology

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An accessible text describing how to use Bayesian methods of statistical analysis in ecology. The interest in using Bayesian methods in ecology is increasing, however many ecologists have difficulty with conducting the required analyses. McCarthy bridges that gap, using a clear and accessible style. The text also incorporates case studies to demonstrate mark-recapture analysis, development of population models and the use of subjective judgement. The advantages of Bayesian methods, are also described here, for example, the incorporation of any relevant prior information and the ability to assess the evidence in favour of competing hypotheses. Free software is available as well as an accompanying web-site containing the data files and WinBUGS codes. Bayesian Methods for Ecology will appeal to academic researchers, upper undergraduate and graduate students of Ecology. EAN/ISBN : 9780511282546 Publisher(s): Cambridge University Press Format: ePub/PDF Author(s): McCarthy, Michael A.

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