

# BAYESIAN ANALYSIS

## Articles

Dynamic Quantile Linear Models: A Bayesian Approach .....	335
..... K. C. M. Gonçalves, H. S. Migon, and L. S. Bastos	335
Bayesian Bootstraps for Massive Data .....	363
..... A. F. Barrientos and V. Peña	363
A New Bayesian Approach to Robustness Against Outliers in Linear Regression .....	389
..... P. Gagnon, A. Desgagné, and M. Bédard	389
Additive Multivariate Gaussian Processes for Joint Species Distribution Modeling with Heterogeneous Data.....	415
J. Vanhatalo, M. Hartmann, and L. Veneranta	415
Bayesian Inference in Nonparamormal Graphical Models.....	449
..... J. J. Mulgrave and S. Ghosal	449
Joint Modeling of Longitudinal Relational Data and Exogenous Variables .....	477
..... R. Guhaniyogi and A. Rodriguez	477
Function-Specific Mixing Times and Concentration Away from Equilibrium .....	505
..... M. Rabinovich, A. Ramdas, M. I. Jordan, and M. J. Wainwright	505
A Loss-Based Prior for Variable Selection in Linear Regression Methods.....	533
..... C. Villa and J. E. Lee	533
Bayesian Sparse Multivariate Regression with Asymmetric Nonlocal Priors for Microbiome Data Analysis .....	559
K. Shuler, M. Sison-Mangus, and J. Lee	559
Bayesian Quantile Regression with Mixed Discrete and Nonignorable Missing Covariates .....	579
Z.-Q. Wang and N.-S. Tang	579

## Invited Case Study

Bayesian Inference of Spatio-Temporal Changes of Arctic Sea Ice.....	605
..... B. Zhang and N. Cressie	605

## Article

A Unified Framework for De-Duplication and Population Size Estimation (with Discussion) .....	633
..... A. Tancredi, R. Steorts, and B. Liseo	633