

Journal of Computational and Graphical Statistics

Volume 19 * Number 2 * June 2010

ARTICLES

Markov Chain Monte Carlo

- 243 Adaptive Independent Metropolis–Hastings by Fast Estimation of Mixtures of Normals *PAOLO GIORDANI AND ROBERT KOHN*
- 260 Adaptive Mixture Modeling Metropolis Methods for Bayesian Analysis of Nonlinear State-Space Models *JARAD NIEMI AND MIKE WEST*
- 281 Multivariate Normal Slice Sampling *MERRILL W. LIECHTY AND JINGJING LU*
- 295 Estimation of Bayes Factors in a Class of Hierarchical Random Effects Models Using a Geometrically Ergodic MCMC Algorithm *HANI DOSS AND JAMES P. HOBERT*
- 313 An Artificial Allocations Based Solution to the Label Switching Problem in Bayesian Analysis of Mixtures of Distributions *PANAGIOTIS PAPASTAMOULIS AND GEORGE ILIOPOULOS*

Clustering

- 332 Combining Mixture Components for Clustering *JEAN-PATRICK BAUDRY, ADRIAN E. RAFTERY, GILLES CELEUX, KENNETH LO, AND RAPHAËL GOTTARDO*
- 354 Simulating Data to Study Performance of Finite Mixture Modeling and Clustering Algorithms *RANJAN MAITRA AND VOLODYMYR MELNYKOV*
- 377 A k -mean-directions Algorithm for Fast Clustering of Data on the Sphere *RANJAN MAITRA AND IVAN P. RAMLER*
- 397 A Generalized Single Linkage Method for Estimating the Cluster Tree of a Density *WERNER STUETZLE AND REBECCA NUGENT*

Analysis of Massive and High-Throughput Data

- 419 Understanding GPU Programming for Statistical Computation: Studies in Massively Parallel Massive Mixtures *MARC A. SUCHARD, QUANLI WANG, CLIBURN CHAN, JACOB FRELINGER, ANDREW CRON, AND MIKE WEST*
- 439 Nonparametric Assessment of Contamination in Multivariate Data Using Generalized Quantile Sets and FDR *CLAYTON SCOTT AND ERIC KOLACZYK*
- 457 Model Averaging via Penalized Regression for Tracking Concept Drift *KYUPIL YEON, MOON SUP SONG, YONGDAI KIM, HOSIK CHOI, AND CHEOLWOO PARK*
- 474 Projection-Based Partitioning for Large, High-Dimensional Datasets *IULIAN ILIES AND ADALBERT WILHELM*
- 493 **Recent Publications in JSS**

JCGS is available on JSTOR. *JCGS* is indexed by MathSci Online and *Current Index to Statistics*.

Cover art adapted from Figure 4 of “Nonparametric Assessment of Contamination in Multivariate Data Using Generalized Quantile Sets and FDR,” page 450.