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Contributed Papers by Topic

I. Bayesian Robustness
   Chair/Organizer: Fabrizio Ruggeri, Duke University

Local Sensitivity of Posterior Distributions and Posterior Quantities. Sanjib Basu, University of Arkansas; Sreenivasa R. Jammalamadaka, University of California; and Wei Liu, Ciba Geigy

Discussion. Michael Lavine, Duke University

II. Nonparametric Methods
   Chair: Robert E. McCulloch, University of Chicago

Approximate Bayesian Inference for Quantiles. Michael Lavine, Duke University

Bayesian Estimation of Entropy. T. Mazzuchi, George Washington University; E. Soofi, University of Wisconsin; and R. Soyer, George Washington University

III. Information: Inference
   Chair: Mark Steel, Tilburg University, The Netherlands

Bayesian Factors for Covariance Selection Models. Paolo Giudici, Università L. Bocconi, Italy

Bayesian Model Criticism. Cinzia Carota, University of Pavia, Italy; Giovanni Parmigiani, Duke University; Nicholas G. Polson, University of Chicago

Conditional Bayesian Significance Levels. Michael Brimacombe, University of Pittsburgh

IV. Bayesian Methods in Health Services Research
   Organizer: Sharon-Lise Normand, Harvard Medical School
   Chair: Constantine Gatsonis, Harvard School of Public Health


V. Experimental Design: Applications
   Chair: Ehsan S. Soofi, University of Wisconsin

Optimal Bayesian Designs for Nonlinear Problems via the Gibbs Sampler. John Warner, University of Michigan
Bayes Analysis of Changepoints in the Linear Model. P.C.N. Groenewald, University of the Orange Free State, South Africa

A Bayesian Analysis of Ordinal Data Using Mixtures. Alaattin Erkanli, Dalene Stangl, and Peter Müller, Duke University

VI. Hierarchical Models, Combining Information, and Mixtures
   Chair: Giovanni Parmigiani, Duke University

Empirical Bayes Estimators in a Random Coefficient Growth Curve Model Under Matrix Squared Error Loss. Gwowen Shieh, National Chiao Tung University, Taiwan, R.O.C.

Spatially Isotropic Binary Image Classification. K.L.D. Gunawardena, University of Wisconsin

VII. Bayesian Analysis of Time Series Data
   Organizer: Malay Ghosh, University of Florida
   Chair: Rocco Ballerini, University of Florida

Bayesian Tobit Modeling of Longitudinal Ordinal Clinical Trial Compliance Data. Mary Kathryn Cowles and Bradley P. Carlin, University of Minnesota; and Cynthia S. Rand, Johns Hopkins University

Bayesian Inference in Nonlinear Dynamical Systems. Catherine M. Scipione, Monash University; L. Mark Berliner, Ohio State University

VIII. Bayesian Methods and Applications
   Chair: Juana Sanchez, University of Missouri

Bayesian Inference for the Mean of a Stratified Population When There Are Order Restrictions. B. Nandram, Worcester Polytechnic Institute; J. Sedransk, State University of New York

Application of Bayesian Methods in Grading—An Addition to the Grading on the Curve. S.K. Katti and Prabha Betne, University of Missouri

Contributed Paper—Poster Session

Regression Models with Autocorrelated Errors: A Gibbs Sampling Approach. Judy L. Palmer and Lyle D. Broemeling, University of Texas
Papers Presented at the
ASA 1993 Winter Conference
January 3-5, 1993
Fort Lauderdale, Florida

Contributed Paper—Poster Session

Bayesian Analysis of Mixtures of Mixtures. Guoliang Cao and Mike West, Duke University

Papers Presented at the
International Society for Bayesian Analysis (ISBA)
First World Meeting
August 6-7, 1993
San Francisco, California

Invited Papers by Topic

I. Bayesian Education
Chair: George Duncan, Carnegie Mellon University

Teaching Comparative Statistics and Econometrics. Dale J. Poirier, University of Toronto

II. Bayesian Analysis on Wall Street
Chair: Jean-François Angers, University of Montreal

Bayesian Global Portfolio Management. Bluford H. Putnam and Jose Mario Quintana, Chase Manhattan Bank

III. Bayesian Analysis in Psychology
Chair: James O. Berger, Purdue University

The Psychology of Choice. Robert Bordley, General Motors Research Laboratories


IV. Statistical Inference: Views from Physics
Chair: Seymour Geisser, University of Minnesota

Contributed Papers by Topic

I. Time Series Analysis
Chair: E. de Alba, ITAM, Mexico

A Comparison of Markov Chain Monte Carlo Sampling Schemes for Linear State Space Models. Chris Carter and Robert Kohn, University of New South Wales

II. Bayesian Nonparametrics
Chair: Malay Ghosh, University of Florida


III. Applications
Chair: John Monahan, North Carolina State University

Scale Invariant Bayesian Estimators for Linear Inverse Problems. Ali Mohammad-Djafari and Jérôme Idier, École Supérieure d'Électricité

IV. Bayesian Analysis and Government and Firm Policy-Making
Chair: Stephen E. Fienberg, Carnegie Mellon University

Analyzing VARs with Monetary Business Cycle Model Priors. David N. DeJong, University of Pittsburgh; Beth Ingram and Charles H. Whiteman, University of Iowa

V. Reliability
Chair: John Deely, Canterbury University

Bayesian Estimation of Stress-Strength Systems Using Reference Priors. Asit P. Basu, University of Missouri; Ronald D. Thompson, University of Michigan

Information Diagnostics for Bayesian Reliability Modeling. T. Mazzuchi, George Washington University; E. Soofi, University of Wisconsin; R. Soyer, George Washington University

Perfect Aggregation in Reliability Models with Bayesian Updating. M. Naceur Azaiez and Vicki M. Bier, University of Wisconsin

VI. Inference Problems
Chairs: D.K. Dey, University of Connecticut; Joseph Ibrahim, Northern Illinois University

Qualitative Bayesian Inference. Romano Scozzafava, University of Roma, Italy; Giulianella Coletti, University of Perugia, Italy
Some Bayesian Methods for Selection and Ranking. Joaquín Díaz, University of Houston; Lyle Broemeling, University of Texas

Identification of Outlying Perturbations. Robert Weiss, University of California

Contributed Papers—Poster Sessions

Models, Prior Information and Bayesian Analysis. Arnold Zellner, University of Chicago

Towards a Better Understanding of Bayesian Methods. S.K. Katti and Mohammad Ibrahim, University of Missouri

Bayesian Inference on Impulse Responses. Gary Koop, Boston University; Jacek Osiewalski, Academy of Economics, Kraków; and Mark Steel, Universidad Carlos III, Madrid

Justification of the Reference Priors for a Random Effects Model. Keying Ye, Virginia Polytechnic Institute and State University

Asymmetric Quadratic Loss Adjustments for a Predictive $t$ Variable. Michael Cain, University of Wales

Fisher Test and Inference in 2 x 2 Contingency Tables: A Bayesian Evaluation. Michel Mouchart and Eliana Scheihing, Université Catholique de Louvain, Belgium

Estimation and Inference in Reparameterized Econometric Equations. Tran Van Hoa, University of Wollongong, Australia

Bayesian Estimates of Autocorrelation in a Regression Model. Judy L. Palmer and Lyle D. Broemeling, University of Texas

Bayesian Inference and the Logic of Experimental Design in Applied Behavioral and Social Research. William E. Pollard, Emory University

A Bayesian Decision Model for Point Spreads in Rugby League. William Griffiths and Duangkamon Chotikapanich, University of New England, Australia

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