Efficient Use of EHR for Biomedical Translational Research
Tianxi Cai Harvard University

Bayesian Penalty Mixing with the Spike and Slab Lasso
Edward I. George University of Pennsylvania

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Tailen Hsing University of Michigan

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Regina Liu Rutgers University

Statistical Challenges in Analysis of Complex Phenotypes Derived from Sequential Images
Dan Nettleton Iowa State University

Multiple Change Point Detection for Correlated High-Dimensional Observations via the Largest Eigenvalue
Guangming Pan Nanyang Technological University

Concordance-Assisted Learning for Individualized Treatment Regimes
Rui Song North Carolina State University

Pre-processing with Orthogonal Decompositions for High-dimensional Explanatory Variables
Cheng Yong Tang Temple University

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Niansheng Tang Yunnan University

Fast Approximate Inference for Arbitrarily Large Statistical Models via Message Passing
Matt Wand University of Technology Sydney

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Hansheng Wang Peking University

Simultaneous Variable Selection and Class Fusion with Penalized Distance Criterion Based Classifiers
Qihua Wang Chinese Academy of Sciences

Quantum Computing and Statistics
Yazhen Wang University of Wisconsin-Madison

Quantitation in Colocalization Analysis: Beyond "Red + Yellow = Green"
Ming Yuan University of Wisconsin-Madison

The Screening and Ranking Algorithm for Change-Points Detection in Multiple Samples
Heping Zhang Yale University

Penalized Estimation in Additive Regression with High-Dimensional Data
Cun-Hui Zhang Rutgers University

Testing and Scoring High-dimensional Covariance Matrices When Heteroscedasticity is Present
Xinghua Zheng Hong Kong University of Science and Technology

Statistical and Computational Guarantees of Lloyd's Algorithm and Its Variants
Harrison Zhou Yale University

Network Cross-Validation by Edge Sampling
Ji Zhu University of Michigan