THE ANNALS of STATISTICS

AN OFFICIAL JOURNAL OF THE INSTITUTE OF MATHEMATICAL STATISTICS

Articles

Approximating faces of marginal polytopes in discrete hierarchical models NANWEI WANG, JOHANNES RAUH AND HÉLÈNE MASSAM	1203
CHIME: Clustering of high-dimensional Gaussian mixtures with EM algorithm and its optimality T. TONY CAI, JING MA AND LINJUN ZHANG	1234
Exponential ergodicity of the bouncy particle samplerGEORGE DELIGIANNIDIS, ALEXANDRE BOUCHARD-CÔTÉ AND ARNAUD DOUCET	1268
The Zig-Zag process and super-efficient sampling for Bayesian analysis of big data $$ Joris Bierkens, Paul Fearnhead and Gareth Roberts	1288
Estimation of large covariance and precision matrices from temporally dependent observations	1321
Bootstrap tuning in Gaussian ordered model selection VLADIMIR SPOKOINY AND NIKLAS WILLRICH	
Sequential change-point detection based on nearest neighbors	1381
LUKAS STEINBERGER AND HANNES LEEB Two-sample and ANOVA tests for high dimensional means	1408
SONG XI CHEN, JUN LI AND PING-SHOU ZHONG	1443
Valid confidence intervals for post-model-selection predictors FRANÇOIS BACHOC, HANNES LEEB AND BENEDIKT M. PÖTSCHER	1475
A robust and efficient approach to causal inference based on sparse sufficient dimension reductionShujie Ma, Liping Zhu, Zhiwei Zhang, Chih-Ling Tsai AND RAYMOND J. CARROLL	1505
The maximum likelihood threshold of a path diagram	
Convex regularization for high-dimensional multiresponse tensor regression Garvesh Raskutti, Ming Yuan and Han Chen	
Large sample theory for merged data from multiple sources TAKUMI SAEGUSA Khinchine's theorem and Edgeworth approximations for weighted sums	1585
SERGEY G. BOBKOV Distributed inference for quantile regression processes	1616
STANISLAV VOLGUSHEV, SHIH-KANG CHAO AND GUANG CHENG	1634
Gaussian approximation of maxima of Wiener functionals and its application to high-frequency dataYUTA KOIKE	1663
Causal Dantzig: Fast inference in linear structural equation models with hidden variables under additive interventions DOMINIK ROTHENHÄUSLER, PETER BÜHLMANN AND NICOLAI MEINSHAUSEN	1688
Nonpenalized variable selection in high-dimensional linear model settings via generalized fiducial inferenceJONATHAN P. WILLIAMS AND JAN HANNIG	
Super-resolution estimation of cyclic arrival rates NINGYUAN CHEN, DONALD K. K. LEE AND SAHAND N. NEGAHBAN	
Sequential multiple testing with generalized error control: An asymptotic optimality theory	