

THE ANNALS *of* STATISTICS

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

Estimating sparse precision matrix: Optimal rates of convergence and adaptive estimation	T. TONY CAI, WEIDONG LIU AND HARRISON H. ZHOU	455
Nonparametric modal regression	YEN-CHI CHEN, CHRISTOPHER R. GENOVESE, RYAN J. TIBSHIRANI AND LARRY WASSERMAN	489
Local independence feature screening for nonparametric and semiparametric models by marginal empirical likelihood JINYUAN CHANG, CHENG YONG TANG AND YICHAO WU		515
Estimating multivariate latent-structure models STÉPHANE BONHOMME, KOEN JOCHMANS AND JEAN-MARC ROBIN		540
Optimal shrinkage estimation of mean parameters in family of distributions with quadratic variance	XIANCHAO XIE, S. C. KOU AND LAWRENCE BROWN	564
Large sample behaviour of high dimensional autocovariance matrices MONIKA BHATTACHARJEE AND ARUP BOSE		598
Global solutions to folded concave penalized nonconvex learning HONGCHENG LIU, TAO YAO AND RUNZE LI		629
Batched bandit problems	VIANNEY PERCHET, PHILIPPE RIGOLLET, SYLVAIN CHASSANG AND ERIK SNOWBERG	660
Optimal large-scale quantum state tomography with Pauli measurements	TONY CAI, DONGGYU KIM, YAZHEN WANG, MING YUAN AND HARRISON H. ZHOU	682
Statistical inference for the mean outcome under a possibly non-unique optimal treatment strategy	ALEXANDER R. LUEDTKE AND MARK J. VAN DER LAAN	713
Inference in adaptive regression via the Kac–Rice formula JONATHAN E. TAYLOR, JOSHUA R. LOFTUS AND RYAN J. TIBSHIRANI		743
Amplitude and phase variation of point processes VICTOR M. PANARETOS AND YOAV ZEMEL		771
Best subset selection via a modern optimization lens DIMITRIS BERTSIMAS, ANGELA KING AND RAHUL MAZUMDER		813
Estimation in exponential families on permutations	SUMIT MUKHERJEE	853
Bayesian manifold regression	YUN YANG AND DAVID B. DUNSON	876