

THE ANNALS of STATISTICS

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

Exact recovery in the Ising blockmodel	1805
QUENTIN BERTHET, PHILIPPE RIGOLLET AND PIYUSH SRIVASTAVA	
Maximum likelihood estimation in Gaussian models under total positivity	1835
STEFFEN LAURITZEN, CAROLINE UHLER AND PIOTR ZWIERNIK	
Maximum likelihood estimation in transformed linear regression with nonnormal errors	1864
XINGWEI TONG, FUQING GAO, KANI CHEN, DINGJIAO CAI AND JIANGUO SUN	
Hypothesis testing for densities and high-dimensional multinomials: Sharp local minimax rates	1893
SIVARAMAN BALAKRISHNAN AND LARRY WASSERMAN	
The BLUE in continuous-time regression models with correlated errors	1928
HOLGER DETTE, ANDREY PEPELYSHEV AND ANATOLY ZHIGLJAVSKY	
Adaptive-to-model checking for regressions with diverging number of predictors	1960
FALONG TAN AND LIXING ZHU	
Nonparametric screening under conditional strictly convex loss for ultrahigh dimensional sparse data	1995
XU HAN	
Local stationarity and time-inhomogeneous Markov chains	2023
LIONEL TRUQUET	
High-dimensional change-point detection under sparse alternatives	2051
FARIDA ENIKEEVA AND ZAID HARCHAOU	
Perturbation bootstrap in adaptive Lasso	2080
DEBRAJ DAS, KARL GREGORY AND S. N. LAHIRI	
Estimation bounds and sharp oracle inequalities of regularized procedures with Lipschitz loss functions	2117
PIERRE ALQUIER, VINCENT COTTET AND GUILLAUME LECUÉ	
Cross validation for locally stationary processes	2145
STEFAN RICHTER AND RAINER DAHLHAUS	
Generalized cluster trees and singular measures	2174
YEN-CHI CHEN	
Spectral method and regularized MLE are both optimal for top- K ranking	2204
YUXIN CHEN, JIANQING FAN, CONG MA AND KAIZHENG WANG	
Negative association, ordering and convergence of resampling methods	2236
MATHIEU GERBER, NICOLAS CHOPIN AND NICK WHITELEY	
On deep learning as a remedy for the curse of dimensionality in nonparametric regression	2261
BENEDIKT BAUER AND MICHAEL KOHLER	
Convergence rates of least squares regression estimators with heavy-tailed errors	2286
QIYANG HAN AND JON A. WELLNER	
Convergence complexity analysis of Albert and Chib's algorithm for Bayesian probit regression	2320
QIAN QIN AND JAMES P. HOBERT	
On testing conditional qualitative treatment effects	2348
CHENGCHUN SHI, RUI SONG AND WENBIN LU	
Dynamic network models and graphon estimation	2378
MARIANNA PENSKY	