

THE ANNALS of STATISTICS

ISSN (0090-5364)

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Special Invited Paper

- A statistical diptych: Admissible inferences—recurrence
of symmetric Markov chains MORRIS L. EATON 1147

Articles

- Statistical analysis of multiple ion channel data
ANDRÉ ROBERT DABROWSKI AND DAVID McDONALD 1180
- Polya trees and random distributions
R. DANIEL MAULDIN, WILLIAM D. SUDDERTH AND S. C. WILLIAMS 1203
- Some aspects of Polya tree distributions for statistical modelling MICHAEL LAVINE 1222
- Variable kernel density estimation GEORGE R. TERRELL AND DAVID W. SCOTT 1236
- Statistical tools to analyze data representing a sample of curves
ALOIS KNEIP AND THEO GASSER 1266
- Optimal plug-in estimators for nonparametric functional estimation
LARRY GOLDSTEIN AND KAREN MESSER 1306
- Weak convergence and adaptive peak estimation for spectral densities
HANS-GEORG MÜLLER AND KATHRYN PREWITT 1329
- Consistent estimation of a mixing distribution BRIAN G. LEROUX 1350
- Minimum Hellinger-type distance estimation for censored data ZHILIANG YING 1361
- A log-linear model for a Poisson process change point CLIVE R. LOADER 1391
- Testing goodness-of-fit in regression via order selection criteria
R. L. EUBANK AND JEFFREY D. HART 1412
- Testing stationarity in the mean of autoregressive processes
with a nonparametric regression trend HARTMUT MILBRODT 1426
- An improved sequential procedure for estimating the regression parameter
in regression models with symmetric errors T. N. SRIRAM 1441
- Admissible estimators of variance components obtained
via submodels WITOLD KLONECKI AND STEFAN ZONTEK 1454
- Ordering directional data: Concepts of data depth on circles
and spheres REGINA Y. LIU AND KESAR SINGH 1468
- Bounds on AREs of tests following Box-Cox transformations
HANFENG CHEN AND WEI-YIN LOH 1485
- Increasing the confidence in Student's t interval
CONSTANTINOS GOUTIS AND GEORGE CASELLA 1501
- Asymptotics for M -estimators defined by convex minimization WOJCIECH NIEMIRO 1514
- The metrically trimmed mean as a robust estimator
of location SEONG-JU KIM 1534
- Bootstrapping M -estimators of a multiple linear
regression parameter SOUMENDRA NATH LAHIRI 1548
- Asymptotic properties of the balanced repeated replication method
for sample quantiles JUN SHAO AND C. F. J. WU 1571
- Bootstrap estimation of conditional distributions
JAMES BOOTH, PETER HALL AND ANDREW WOOD 1594
- A rank statistics approach to the consistency of a general bootstrap
DAVID M. MASON AND MICHAEL A. NEWTON 1611
- The learning component of dynamic allocation indices
JOHN GITTINS AND YOU-GAN WANG 1625

Short Communications

- Minimum impurity partitions
DAVID BURSSTEIN, VINCENT DELLA PIETRA, DIMITRI KANEVSKY AND ARTHUR NÁDAS 1637
- Asymptotics for least squares cross-validation bandwidths
in nonsmooth cases BERT VAN ES 1647
- Some nonasymptotic bounds for L_1 density estimation using kernels SOMNATH DATTA 1658

Vol. 20, No. 3—September 1992

