

THE ANNALS of STATISTICS

AN OFFICIAL JOURNAL OF
THE INSTITUTE OF MATHEMATICAL STATISTICS

The 1975 Wald Memorial Lectures

Estimation of parameters in a linear model
C. RADHAKRISHNA RAO 1023

Articles

- Consistency in concave regression
D. L. HANSON AND GORDON PLEDGER 1038
- Coherent preferences
ROBERT J. BUEHLER 1051
- Inadmissibility results for the best invariant estimator of two coordinates of a location vector
JAMES O. BERGER 1065
- Sequential estimation of the largest normal mean when the variance is known
SAUL BLUMENTHAL 1077
- Asymptotically efficient estimation of location for a symmetric stable law
ALAN PAUL FENECH 1088
- Asymptotic solutions to the two state component compound decision problem, Bayes versus diffuse priors on proportions
DENNIS C. GILLILAND, JAMES HANNAN AND J. S. HUANG 1101
- Optimal designs for large degree polynomial regression
J. KIEFER AND W. J. STUDDEN 1113
- Convergent design sequences, for sufficiently regular optimality criteria
CORWIN L. ATWOOD 1124
- Descriptive statistics for nonparametric models. III. Dispersion
P. J. BICKEL AND E. L. LEHMANN 1139
- On the application of symmetric Dirichlet distributions and their mixtures to contingency tables
I. J. GOOD 1159
- The multivariate inclusion-exclusion formula and order statistics from dependent variates
WILLI MAURER AND BARRY H. MARGOLIN 1190
- Maximum likelihood estimation of a compound Poisson process
LÉOPOLD SIMAR 1200
- Distribution-free tolerance intervals for stochastically ordered distributions
K. M. LAL SAXENA 1210
- Continuous time control of Markov processes on an arbitrary state space: discounted rewards
BHARAT T. DOSHI 1219

Short Communications

- Agreeing to disagree
ROBERT J. AUMANN 1236
- An improved statement of optimality for sequential probability ratio tests
GORDON SIMONS 1240
- A characterization of the asymptotic normality of linear combinations of order statistics from the uniform distribution
H. HECKER 1244
- Weak convergence of progressively censored likelihood ratio statistics and its role in asymptotic theory of life testing
PRANAB KUMAR SEN 1247
- The convergence of s -recursions
E. J. HANNAN 1258
- Remez's procedure for finding optimal designs
WILLIAM J. STUDDEN AND JIA-YEONG TSAY 1271
- Bivariate distributions with given marginals
WARD WHITT 1280
- Some empirical Bayes results in the case of component problems with varying sample sizes for discrete exponential families
THOMAS E. O'BRYAN 1290

Notes

- Correction to "On estimating the common mean of two normal distributions"
ARTHUR COHEN AND HAROLD B. SACKROWITZ 1294
- Correction to "Block designs for mixture experiments"
A. K. NIGAM 1294

Vol. 4, No. 6—November 1976