

THE ANNALS of STATISTICS

AN OFFICIAL JOURNAL OF
THE INSTITUTE OF MATHEMATICAL STATISTICS

Articles

A natural identity for exponential families with applications in multi-parameter estimation	H. M. HUDSON	473
Likelihood ratio tests for order restrictions in exponential families	TIM ROBERTSON AND EDWARD J. WEGMAN	485
A finite sample distribution-free performance bound for local discrimination rules	W. H. ROGERS AND T. J. WAGNER	506
Asymptotically efficient solutions to the classification problem	LOUIS GORDON AND RICHARD A. OLSHEN	515
Nonparametric estimation of partial transition probabilities in multiple decrement models	ODD AALEN	534
Exact slopes of certain multivariate tests of hypotheses	JAMES A. KOZIOL	546
Bahadur efficiencies of the Student's t tests	DOUGLAS H. JONES AND J. SETHURAMAN	559
Sequential Bahadur efficiency	ROBERT H. BERK AND L. D. BROWN	567
Interval estimation for the unbalanced case of the one-way random effects model	JAMES D. THOMAS AND ROBERT A. HULTQUIST	582
Asymptotic normality of multivariate linear rank statistics in the non-i.i.d. case	F. H. RUYMGAART AND M. C. A. VAN ZUIJLEN	588
Weighted median regression estimates	FRIEDRICH-WILHELM SCHOLZ	603
Estimates of location: a large deviation comparison	GERALD L. SIEVERS	610
Repeated measurements designs, II	A. HEDAYAT AND K. AFSARINEJAD	619
On conditional least squares estimation for stochastic processes	LAWRENCE A. KLIMKO AND PAUL I. NELSON	629
Covariance characterization by partial autocorrelation matrices	M. MORF, A. VIEIRA AND T. KAILATH	643
Bayesian confidence bands for a distribution function	M. BRETH	649
An adaptive solution to ranking and selection problems	Y. L. TONG	658
Admissible solutions of finite state sequence compound decision problems	STEPHEN B. VARDEMAN	673
Strong convergence of a stochastic approximation algorithm	LENNART LJUNG	680

Short Communication

A note on a finite population plan	PETER W. M. JOHN	697
--	------------------	-----

Vol. 6, No. 3—May 1978