

THE ANNALS OF STATISTICS

VOLUME 4

May 1976

No. 3

Articles

- On rereading R. A. Fisher. LEONARD J. SAVAGE
Discussion on Professor Savage's paper by B. Efron, C. Eisenhart,
B. de Finetti, D. A. S. Fraser, V. P. Godambe, I. J. Good, O. Kemp-
thorne and Stephen Stigler
F. Y. Edgeworth and R. A. Fisher on the efficiency of maximum likelihood
estimation. JOHN W. PRATT
Optimal balanced fractional 2^m factorial designs of resolution VII,
 $6 \leq m \leq 8$ TERUHIRO SHIRAKURA
Monotone percentile regression
ROBERT J. CASADY AND JONATHAN D. CRYER
Tests for independence in infinite contingency tables. . . SHINGO SHIRAHATA
Weak convergence of sequential linear rank statistics. . . HENRY I. BRAUN

Short Communications

- Asymptotic optimality of the empirical Bayes procedure
J. J. DEELY AND W. J. ZIMMER
Empirical Bayes estimation of a distribution function
RAMESH M. KORWAR AND MYLES HOLLANDER
Asymptotic sufficiency and asymptotically most powerful tests for the two
sample censored situation
K. G. MEHROTRA AND RICHARD A. JOHNSON
Asymptotic expansion and a local limit theorem for a function of the Ken-
dall rank correlation coefficient. ZUZANA PRÁŠKOVÁ-VÍZKOVÁ
Multivariate unimodality. . . S. W. DHARMADHIKARI AND KUMAR JOGDEO
Hypotheses generating groups for testing multivariate symmetry
LUDGER RÜSCHENDORF
Selection of largest multiple correlation coefficients: exact sample size case
KHURSHEED ALAM, M. HASEEB RIZVI AND HERBERT SOLOMON
An invariance principle in regression analysis. . . P. K. BHATTACHARYA
On a criterion for simultaneous extrapolation in nonfull rank normal re-
gression. FEDERICO J. O'REILLY
An improved estimator of the generalized variance
R. W. SHORROCK AND J. V. ZIDEK
Extensions of Milliken's estimability criterion
J. K. BAKSALARY AND R. KALA
Combining independent normal mean estimation problems with unknown
variances. JAMES O. BERGER AND M. E. BOCK
A special property of linear estimates of the normal mean. . GLEN MEEDEN
A note on paired comparison rankings. JAGBIR SINGH
Resolvability of block designs. SANPEI KAGEYAMA
An upper bound of resolution in symmetrical fractional factorial designs
YOSHIO FUJII
When are the mean and the Studentized differences independent?
LENNART BONDESSON