

THE ANNALS of MATHEMATICAL STATISTICS

(FOUNDED BY H. C. CARVER)

THE OFFICIAL JOURNAL OF THE INSTITUTE
OF MATHEMATICAL STATISTICS

Contents

	PAGE
Sample Criteria for Testing Equality of Means, Equality of Variances, and Equality of Covariances in a Normal Multivariate Distribution. S. S. WILKS.....	257
Contributions to the Theory of Sequential Analysis II, III. M. A. GIRSHICK.....	282
Sufficient Statistical Estimation Functions for the Parameters of the Distribution of Maximum Values. BRADFORD F. KIMBALL... ..	299
On Functions of Sequences of Independent Chance Vectors with Applications to the Problem of the "Random Walk" in k Dimensions. D. BLACKWELL AND M. A. GIRSHICK.....	310
Approximation of the Distribution of the Product of Beta Variables by a Single Beta Variable. JOHN W. TUKEY AND S. S. WILKS..	318
Some Fundamental Curves for the Solution of Sampling Problems. EDWARD C. MOLINA.....	325
Enlargement Methods for Computing the Inverse Matrix. LOUIS GUTTMAN.....	336
The Frequency Distribution of Deviates from Means and Regression Lines in Samples from a Multivariate Normal Population. D. J. FINNEY.....	344
On the Asymptotic Distributions of Certain Statistics used in Testing the Independence between Successive Observations from a Normal Population. P. L. HSU.....	350
Notes:	
Estimating the Parameters of a Rectangular Distribution. A. GEORGE CARLTON.....	355
On the Power Function of the Sign Test for Slippage of Means. JOHN E. WALSH.....	358
An Approximation to the Probability Integral. J. D. WILLIAMS.....	363
Distribution of the Ratio of Sample Range to Sample Standard Deviation for Normal and Combinations of Normal Distributions. G. A. BAKER.....	366
News and Notices.....	370

Vol. XVII, No. 3 — September, 1946