

THE ANNALS of MATHEMATICAL STATISTICS

FOUNDED AND EDITED BY H. C. CARVER, 1930-1938

EDITED BY S. S. WILKS, 1938-1949

THE OFFICIAL JOURNAL OF THE INSTITUTE
OF MATHEMATICAL STATISTICS

Contents

	PAGE
Distribution-free Tests of Fit for Continuous Distribution Functions. Z. W. BIRNBAUM.....	1
Contributions to the Statistical Theory of Counter Data. G. E. ALBERT AND LEWIS NELSON.....	9
The Power of Rank Tests. E. L. LEHMANN.....	23
Nonparametric Tolerance Regions. D. A. S. FRASER.....	44
Sequential Sampling Tagging for Population Size Problems. LEO A. GOODMAN.....	56
On Wald's Complete Class Theorems. J. KIEFER.....	70
A Class of Experimental Designs Using Blocks of Two Plots. O. KEMP- THORNE.....	76
Distance Functions and Regular Best Asymptotically Normal Estimates. WILLIAM F. TAYLOR.....	85
On the Distribution of the Expected Values of the Order Statistics. WASSILY HOEFFDING.....	93
On the Theory of Systematic Sampling, III. Comparison of Centered and Random Start Systematic Sampling. WILLIAM G. MADOW.....	101
A Modification of Schwarz's Inequality with Applications to Distributions. SIGEITI MORIGUTI.....	107
A Simple Method for Improving Some Estimators. LEO A. GOODMAN.....	114
Joint Sampling Distribution of the Mean and Standard Deviation for Prob- ability Density Functions of Doubly Infinite Range. MELVIN D. SPRINGER.....	118
Notes:	
A Note on Incomplete Block Designs with Row Balance. H. O. HARTLEY, S. S. SHRIKHANDE, AND W. B. TAYLOR.....	123
A Lower Bound for the Average Sample Number of a Sequential Test. WASSILY HOEFFDING.....	127
Some Inequalities on Mill's Ratio and Related Functions. M. R. SAMP- FORD.....	130
On a Double Inequality of the Normal Distribution. ROBERT F. TATE..	132
Correction to "Some Nonparametric Tests of Whether the Largest Ob- servations of a Set are Too Large or Too Small." JOHN E. WALSH..	134
Correction to "On the Structure of Balanced Incomplete Block Designs." W. S. CONNOR.....	135
Correction to "On a Test for Homogeneity and Extreme Values." D. A. DARLING.....	135
Abstracts of Papers.....	136
News and Notices.....	147
Report of the Chicago Meeting of the Institute.....	153
Minutes of the Annual Business Meeting, Chicago, December 28, 1952.....	158
Report of the President of the Institute.....	158
Report of the Secretary-Treasurer of the Institute.....	162
Report of the Editor of the Annals.....	164
Publications Received.....	165

Vol. 24, No. 1 — March, 1953