TRABAJOS DE ESTADISTICA

Review published by "Instituto de Investigaciones Estadísticas" of the "Consejo Superior de Investagaciones Científicas." Madrid, Spain.

Vol. VII	CONTENTS	Cuad. I
J. Romani	Test no paramé Estudio de la evolución y relación d en los	tricos en forma secuencial. e medidas antropométricas niños mencres de un año.
NOTAS. J. CASTAÑEDALa programación lineal Crónicas.	y la Teoría Económica. Aplicaciones Bibliografía.	de la Programación lineal. Cuestiones y Ejercicios
Vol. VII	CONTENTS	Cuad. II
J. Bejar. J. Romani. J. Talacko. Perks' distributio B. M. Bennett.	Regresión en median Distribución de la suma algebraic ns and their role in the theory of Wil Note on the P	a y la programación lineal* ca de variables de Poisson* ner's stochastics variables coisson Index of dispersion
Notas. S. Ríos. R. San Juan G. Arnaiz. Crónica.		la investigación operativa. en la programación lineal. n de materiales fabricados. Cuestiones y Ejercicios.

For everything in connection with works, exchanges and subscription write to Professor Sixto Rios, Instituto de Investigaciones Estadísticas of the Consejo Superior de Investigaciones Científicas (Serrano, 123). Madrid, Spain. The Review is composed of three fascicles published three times a year (about 350 pages), and its annual price is 100 pesetas for Spain and South America and \$4.00 U.S.A. for all other countries.

ECONOMETRICA

Journal of the Econometric Society

Contents of Vol. 24, No. 3 - July, 1956

HANS BREMS	938 to 1953 ning Model
D. VAN DANTZIG	Prevention
K. S. BANERJEENote on the Optimum Allocation of the Number of Items in the Constitution of the Number of I	iction of a
K. S. BANERJEESimplification of the Derivation of Wald's Formula for the Cost of Liv REPORT OF THE KIEL MEETING REPORT OF THE NEW YORK MEETING BOOK REVIEWS	

Published Quarterly

Subscription rates available on request

The Econometric Society is an international society for the advancement of economic theory in its relation to statistics and mathematics.

Subscriptions to Econometrica and inquiries about the work of the Society and the procedure in applying for membership should be addressed to Richard Ruggles, Secretary, The Econometric Society, Box 1264, Yale University, New Haven, Connecticut.

BIOMETRIKA

Volume 43

Contents

Parts 1 and 2, June 1956

KENDALL, M. G. Studies in the history of probability and statistics. II. The beginnings of a probability calculus. BAILEY, N. T. J. On estimating the latent and infectious periods of measles. I. Families with two susceptibles only. DARWIN, J. H. The behaviour of an estimator of a simple birth and death process. BROADBENT, S. R. Examination of a quantum hypothesis based on a single set of data. GOOD, I. J. & TOULMIN, G. H. The number of new species, and the increase in population coverage, when a sample is increased. BARTHOLOMEW, D. J. A sequential test of randomness for events occurring in time or space. ANIS, A. A. On the moments of the maximum of partial sums of a finite number of independent normal variates. DAVID, H. A. On the application to statistics of an elementary theorem in probability. WISHART, J. X² probabilities for large numbers of degrees of freedom. HALDANE, J. B. S. & MAYNARD SMITH, Sheila. The sampling distribution of a maximum-likelihood estimate. BARTON, D. E. & DAVID, F. N. Tests for randomness of points on a line. BOSE, R. C. Paired comparison designs for testing concordance between judges. PILLAI, K. C. S. On the distribution of the largest or the smallest root of a matrix in multivariate analysis. LAWLEY, D. N. Tests of significance for the latent roots of covariance and correlation matrices. WATSON, G. S. On the joint distribution of the circular serial correlation coefficients. DANIELS, H. E. The approximate distribution of serial correlation coefficients. JENKINS, G. M. Tests of hypotheses in the linear autoregressive model. II. Null distributions for higher order schemes: non-central distributions. WILLIAMS, R. M. The variance of the mean of systematic samples. GUEST, P. G. Grouping methods in the fitting of polynomists to unequally spaced observations. Miscellanea—Contributions by D. E. Barton, J. C. Butcher, B. I. Harley, M. J. R. Healy, G. S. James, W. H. Trickett & B. L. Welch, C. L. Mallows, J. A. McFadden, J. Medhi, S. N. Roy & A.E. Sarhan, J. Wise, R. A. Wooding

Revieus

Corrigenda

The subscription price, payable in advance, is 45s. inland, 54s. export (per volume including postage). Cheques should be drawn to Biometrika and sent to "The Secretary, Biometrika Office, Department of Statistics, University College. London, W.C. 1." All foreign cheques must be in sterling and drawn on a bank having a London agency.

MATHEMATICAL REVIEWS

A journal containing reviews of the mathematical literature of the world, with full subject and author indices

Publication of this journal is sponsored by the American Mathematical Society, Mathematical Association of America, Institute of Mathematical Statistics, London Mathematical Society, Edinburgh Mathematical Society, Union Matematica Argentina, and others.

Subscriptions accepted to cover the calendar year only. Issues appear monthly except July. \$20.00 per year.

Send subscription order or request for sample copy to

AMERICAN MATHEMATICAL SOCIETY 80 Waterman Street, Providence 6, Rhode Island

JOURNAL OF THE ROYAL STATISTICAL SOCIETY

Series B (Methodological)

Vol. XVII, No. 2, 1955

Some Statistical Methods Connected with Series of Events
An Outline of Linear Programming
On Minimizing a Convex Function Subject to Linear Inequalities
Statistical Concepts in their Relation to Reality E. S. Pearson The Comparison of Means of Sets of Observations from Sections of Independent Stochastic Series
The Comparison of Means of Sets of Observations from Sections of Independent Stochastic Series G. H. JOWETT
A Note on the Periodogram of the Beveridge Wheat Price IndexJ. C. Gower
Some Distribution and Moment Formulae for the Markov Chain
Some Applications of Zero-one Processes. Z. A. Lomnicki and S. K. Zaremba Waiting Time in Bulk Service Queues F. Downton
A Note on Equalizing the Mean Waiting Times of Successive Customers in a Finite Queue
On the Weighted Combination of Significance TestsI. J. Good
A Significance Test for the Difference in Efficiency between Two Predictors
A Unified Theory of Finite Sampling
The Royal Statistical Society, 21, Bentinck Street, London, W. 1 The Journal of the Royal Statistical Society is published in two series: Series A (General), four issues a year,
15s. each part, annual subscription £3.1s. post free; Series B (Methodological), two issues a year, 22s.6d. each
part, annual subscription 45s.6d. post free.

The Royal Statistical Society, 21, Bentinck Street, London, W. 1

SANKHYĀ

The Indian Journal of Statistics Edited by P. C. Mahalanobis

Vol. 16, Parts 3 & 4, 1955

Annual Subscription: 30 rupees (\$10.00), 10 rupees (\$3.50) per issue.

Back Numbers: 45 rupees (\$15.00) per volume; 12/8 rupees (\$4.50) per issue.

Subscriptions and orders for back numbers should be sent to

STATISTICAL PUBLISHING SOCIETY

204/1 Barrackpore Trunk Road

Calcutta 35, India

THE INSTITUTE OF MATHEMATICAL STATISTICS

(Organized September 12, 1935)

OFFICERS

President:

Alexander M. Mood, General Analysis Corporation, 710 Wilshire Blvd., Santa Monica, California

President-Elect:

L. J. Savage, Committee on Statistics, University of Chicago, Chicago 37, Illinois

Secretary:

G. E. Nicholson, Jr., Department of Statistics, University of North Carolina, Chapel Hill, North Carolina

Treasurer:

A. H. Bowker, Department of Statistics, Stanford University, Stanford, California

Editor:

T. E. Harris, The Rand Corporation, 1700 Main Street, Santa Monica, California

The purpose of the Institute of Mathematical Statistics is to encourage the development, dissemination, and application of mathematical statistics.

Membership dues including a subscription to the ANNALS OF MATHE-MATICAL STATISTICS are \$10.00 per year for residents of the United States or Canada and \$5.00 per year for residents of other countries. There are special rates for students and for some other classes of members. Inquiries regarding membership in the Institute should be sent to the Secretary of the Institute.

(Continued from inside front cover)

matical formulae. The difference between capital and lower-case letters should be clearly shown; care should be taken to avoid confusion between such pairs as zero and the letter O, the numeral 1 and the letter l, numeral 1 used as superscript and prime ('), alpha and a, kappa and k, mu and u, nu and v, eta and n, etc. Subscripts or superscripts should be clearly below or above the line. Bars above groups of letters (e.g., $\log x$) and underlined letters (e.g., x) are difficult to print and should be avoided. Symbols are automatically italicized by the printer and should not be underlined on manuscripts. Boldface letters may be indicated by underlining with a wavy line on the manuscript; boldface subscripts and superscripts are not available. Complicated exponentials should be represented with the symbol exp. In writing square roots the fractional exponent is preferable to the radical sign. Fractions in the body of the text (as opposed to displayed expressions) and fractions occurring in the numerators or denominators of fractions are preferably written with the solidus; thus (a+b)/(c+d) rather than $\frac{a+b}{c+d}$.

Authors will ordinarily receive only galley proofs. Fifty reprints without covers will be furnished free. Additional reprints and covers will be furnished at cost.

(Contents, continued from front cover)

On Minimum Variance Among Certain Linear Functions of Order Statisti	
K. C. Seal	
A Note on "Some Further Results in Simultaneous Confidence Interval Estin	na-
tion," S. N. Roy.	856
A Note on the Normal Distribution, Seymour Geisser	858
Correction to "An Application of Information Theory II." S. Kullback	860
Abotracts of Papers Nows and Notices Publications Received	860

MEETINGS OF THE INSTITUTE TENTATIVE SCHEDULE

EASTERN REGIONAL MEETING—Washington, D. C.
March 7-9, 1957

ANNUAL MEETING—Atlantic City, New Jersey
September, 1957

Abstracts should be submitted in duplicate to the Editor, preferably on abstract blanks, which can be obtained from the IMS Secretary. Abstracts must be received at least 47 days before the first day of the meeting at which they are to be presented, indicating whether presented by title or in person. (Only one contributed paper may be given in person at any one meeting.) They may be printed prior to the publication of the report of the meeting. Those received by April 30 will appear in the September Annals, by July 31 in December, etc. Abstracts should be limited to 200 words or the equivalent, and should avoid displayed expressions and complicated formulae. They can be accepted from non-members of the IMS only if transmitted by members.