

BIOMETRIKA

A Journal for the Statistical Study of Biological Problems

Volume XXXV

Contents

Parts I and II, 1948

I. Memoir of James Fowler Tocher. (1864-1945) By MAJOR GREENWOOD.
II. On some modes of population growth leading to R. A. Fisher's logarithmic series distribution. By DAVID G. KENDALL. III. The studentized form of the extreme mean square test in the analysis of variance. By K. R. NAIR. IV. The estimation of non-linear parameters by 'internal least squares'. By H. O. HARTLEY. V. The geometrical method in the theory of sampling. By DAVID FOG. VI. Proofs of the distribution law of the second order moment statistics. By JOHN WISHART. VII. Tests of significance in multivariate analysis. By C. R. RAO. VIII. Alternative systems in the analysis of variance. By N. L. JOHNSON. IX. An examination and further development of a formula arising in the problem of comparing two mean values. By ALICE A. ASPIN. X. On the power function of the longest run as a test for randomness in a sequence of alternatives. By G. BATEMAN. XI. Sur les courbes de fréquence de K. Pearson. By M. DUMAS. XII. The distribution of the extreme deviate from the sample mean and its studentized form. By K. R. NAIR. XIII. The Fisher-Yates test of significance in 2×2 contingency tables. By D. J. FINNEY. XIV. The power function of the test for the difference between two proportions in a 2×2 table. By P. B. PATNAIK. XV. The analysis of contingency tables with groupings based on quantitative characters. By F. YATES. XVI. The probability integral transformation when parameters are estimated from the sample. By F. N. DAVID and N. L. JOHNSON. XVII. A table for the calculation of working probits and weights in probit analysis. By D. J. FINNEY and W. L. STEVENS. XVIII. *Miscellanea*: A note on the χ^2 smooth test. By H. L. SEAL. Rank correlation and product-moment correlation. By P. A. P. MORAN. Tests of significance in the variate difference method. By N. L. JOHNSON. XIX. *Review*: M. G. Kendall's *The Advanced Theory of Statistics*, Vol. II. By B. L. WELCH.

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.

ECONOMETRICA

Journal of the Econometric Society

Contents of Vol. 16, No. 3, July, 1948, include:

	Page
JOSEPH A. SCHUMPETER: Irving Fisher's Econometrics	219
ANDRÉ NATAF: Sur la possibilité de construction de certains macromodèles	232
DUNCAN BLACK: The Decisions of a Committee Using a Special Majority	245
DUNCAN BLACK: The Elasticity of Committee Decisions with an Altering Size of Majority	262

Published Quarterly

Subscription to Nonmembers: \$9.00 per year

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 Alfred Cowles, Secretary and Treasurer, The Econometric Society, The University of Chicago, Chicago 37, Illinois, U.S.A.