### THE AMERICAN STATISTICAL ASSOCIATION

Vol. II

No. 3

### THE ANNALS

of

# MATHEMATICAL STATISTICS

SIX DOLLARS PER ANNUM

**AUGUST** 

1931

## THE ANNALS OF MATHEMATICAL STATISTICS

VOL. II

AUGUST, 1931

NO. 3

#### CONTENTS

Correction for the Moments of a Frequency Distribution in Two Variables	309
THE STANDARD ERROR OF A MULTIPLE REGRESSION EQUATION  By John Rice Miner	320
Sampling in the Case of Correlated Observations .  By Cecil C. Craig	324
THE RELATION BETWEEN THE MEANS AND VARIANCES,  MEANS SQUARED AND VARIANCES IN SAMPLES FROM  COMBINATIONS OF NORMAL POPULATIONS  By G. A. Baker	333
A Table to Facilitate the Fitting of Certain Logistic Curves	355
THE GENERALIZATION OF STUDENT'S RATIO  By Harold Hotelling	360
PUBLISHED QUARTERLY BY AMERICAN STATISTICAL ASSOCIATION	
Publication Office—Edwards Brothers, Inc., Ann Arbor, Michigan Business Office—530 Commerce Bldg., New York Univ., New York, N	I. Y.
Entered as second class matter at the Postoffice at Ann Arbor, Mich	٠.,

under the Act of March 3rd, 1879.