

REPORT OF THE PRINCETON MEETING OF THE INSTITUTE

The twenty-third meeting of the Institute of Mathematical Statistics was held in Princeton, New Jersey on Friday, November 1, 1946, in connection with the year-long Celebration of the Bicentennial of Princeton University. The meeting was devoted entirely to *Analysis of Variance*. The meeting was attended by 118 persons including the following 96 members of the Institute:

Adam Abruzzi, Forman S. Acton, R. L. Anderson, T. W. Anderson, Jr., M. S. Bartlett, Robert Bechofer, Gilbert W. Beebe, J. H. Bigelow, Archie Blake, C. I. Bliss, A. E. Brandt, Burton H. Camp, George C. Campbell, A. George Carlton, Kai Lai Chung, W. G. Cochran, Gertrude Cox, Harold Cramér, S. Lee Crump, J. H. Curtiss, Joseph F. Daly, Besse B. Day, D. B. DeLury, V. V. Divatia, J. Dutka, Churchill Eisenhart, B. Epstein, H. L. Fanshaw, Nicholas Fattu, Will Feller, Merrill M. Flood, Bernard Friedman, Hilda Geiringer, H. H. Goldstine, Joseph A. Greenwood, E. J. Gumbel, Margaret Gurney, L. Gutmann, T. E. Harris, Millard Hastay, Irwin S. Hoffer, C. J. Kirchen, B. F. Kimball, Lila F. Knudsen, H. S. Konijn, Jack Laderman, J. D. Maddrill, Sophie Marcuse, H. C. Mathisen, J. W. Mauchly, Margaret Merrell, Elmer B. Mode, Margaret E. Moore, J. E. Morton, Judith Moss, F. Mosteller, Charles M. Mottley, Ray B. Murphy, P. M. Neurath, Hugo Nilson, Gottfried E. Noether, Monroe L. Norden, H. W. Norton, C. O. Oakley, P. S. Olmstead, J. G. Osborne, Ellis R. Ott, C. J. Rees, W. A. Reynolds, A. C. Rosander, David Rosenblatt, Ernest Rubin, P. U. Rulon, Frank Saidel, Marian M. Sandomire, Walter A. Shewhart, James G. Smith, Milton Sobel, Herbert Solomon, Mortiner Spiegelmon, Charles M. Stein, G. R. Stibitz, John R. Tomlinson, Marion M. Torrey, John W. Tukey, D. F. Votaw, Jr., F. M. Wadley, Alton J. Wadman, A. Wald, Robert M. Walter, Lionel Weiss, Frank Wilcoxon, S. S. Wilks, C. P. Winsor, J. Wolfowitz, and W. J. Youden.

At the morning session the following program was presented with Professor S. S. Wilks of Princeton University as chairman:

- Topic: *Mathematical Approaches to the Analysis of Variance*
- Papers: *Two Probability Models for the Analysis of Variance*
Professor A. Wald, Columbia University
Applications of Analysis of Variance
Professor M. S. Bartlett, Cambridge University and The University of North Carolina
- Discussion: Professor S. L. Crump, Iowa State College
Dr. J. F. Daly, Bureau of the Census
Professor J. W. Tukey, Princeton University
Professor C. P. Winsor, Johns Hopkins University
Professor J. Wolfowitz, Columbia University

The program for the afternoon session, under the chairmanship of Professor Will Feller of Cornell University, was as follows:

- Topic: *Multivariate Problems in the Analysis of Variance*
- Papers: *Analysis of Covariance*
Professor W. G. Cochran, The University of North Carolina
Vector Methods
Professor J. W. Tukey, Princeton University