

## REPORT ON THE BOSTON MEETING OF THE INSTITUTE

The twenty-fourth meeting of the Institute of Mathematical Statistics was held at the Hotel Statler, Boston, Massachusetts, on Saturday, December 28, 1946. The meeting was held in conjunction with the One Hundred Thirteenth Annual Meeting of the American Association for the Advancement of Science. The following 45 members of the Institute attended the meeting:

K. J. Arnold, M. S. Bartlett, W. D. Baten, C. I. Bliss, G. W. Brier, G. W. Brown, T. H. Brown, B. H. Camp, C. W. Churchman, W. G. Cochran, J. H. Curtiss, D. B. DeLury, P. V. Dorweiler, Churchill Eisenhart, Benjamin Epstein, H. A. Freeman, Hilda Geiringer, H. H. Germond, J. A. Greenwood, Boyd Harshbarger, W. A. Hendricks, E. H. C. Hildebrandt, W. C. Jacob, H. B. Kaitz, L. F. Knudsen, Walter Leighton, A. J. Lotka, J. W. Mauchly, Margaret Merrell, E. B. Mode, Frederick Mosteller, C. M. Mottley, Doris Newman, R. H. Noel, H. W. Norton, Otis Pope, C. J. Rees, C. F. Roos, P. J. Rulon, J. W. Tukey, W. M. Upholt, F. M. Wadley, C. L. Weaver, C. P. Winsor, W. J. Youden.

At the morning session, a joint session with the Biometrics Section of the American Statistical Association, the following program was presented with Professor E. B. Wilson of Harvard University as chairman:

- Topic: *The Analysis of Variance in Biology*
- Papers: *The Assumptions Underlying the Analysis of Variance*  
Professor Churchill Eisenhart, University of Wisconsin and The National Bureau of Standards  
*Some Consequences when the Assumptions are not Satisfied*  
Professor W. G. Cochran, North Carolina State College  
*The Use of Transformations*  
Professor M. S. Bartlett, Cambridge University and the University of North Carolina
- Discussion: Professor Boyd Harshbarger, Virginia Polytechnic Institute  
Dr. W. C. Jacob, Long Island Vegetable Research Farm  
Professor C. P. Winsor, Johns Hopkins University  
Dr. W. J. Youden, Boyce Thompson Institute

The program for the afternoon session, also a joint session with the Biometrics Section, under the chairmanship of Dr. E. J. DeBeer, Wellcome Research Laboratories, was as follows:

- Topic: *The Analysis of Variance in Biology (continued)*
- Papers: *The Analysis of Covariance*  
Professor D. B. DeLury, Virginia Polytechnic Institute  
*Discriminant Functions*  
Professor George W. Brown, Iowa State College
- Discussion: Professor W. D. Baten, Michigan State College  
Professor C. I. Bliss, Yale University  
Mr. W. A. Hendricks, U. S. Department of Agriculture

P. S. DWYER,  
*Secretary.*