

## REPORT ON THE BERKELEY MEETING OF THE INSTITUTE

The thirtieth meeting of the Institute of Mathematical Statistics was held in Berkeley, California on Monday and Tuesday, December 22 and 23, 1947. The meeting was attended by approximately 70 persons, including the following 31 members of the Institute:

G. A. Baker, G. G. Beckstead, B. M. Bennett, R. U. Bonner, Frances L. Campbell, E. L. Crow, Dorothy Cruden, W. J. Dixon, R. Dorfman, G. G. Eldredge, E. A. Fay, Evelyn Fix, M. A. Girshick, J. Gurland, T. E. Harris, W. L. Hart, J. L. Hodges, Jr., P. G. Hoel, H. M. Hughes, T. A. Jeeves, H. S. Konijn, G. M. Kuznets, E. L. Lehmann, R. B. Leipnik, J. Neyman, Gladys Rappaport, H. Scheffé, T. W. Simpson, C. M. Stein, J. E. Walsh and H. Working.

The Monday morning program, with Professor J. Neyman presiding, consisted of the following contributed papers:

1. *The Performance Characteristic of Certain Methods for Obtaining Confidence Intervals.*  
Mr. B. M. Bennett, University of California, Berkeley.
2. *Some Further Results on the Bernoulli Process.*  
Dr. T. E. Harris, Douglas Aircraft Company.
3. *Most Powerful Tests of Composite Hypotheses I. Normal Distributions.*  
Dr. E. L. Lehmann and Dr. C. M. Stein, University of California, Berkeley.
4. *On the Selection of Forecasting Formulas.*  
Professor P. G. Hoel, University of California, Los Angeles.

The Monday afternoon program, with Professor H. Scheffé presiding, also consisted of contributed papers as follows:

1. *On the Power Function of the "Best"  $t$ -test Solution of the Behrens-Fisher Problem.*  
Dr. J. E. Walsh, Douglas Aircraft Company.
2. *On Sequences of Experiments.*  
Dr. C. M. Stein, University of California, Berkeley.
3. *The Effect of Selection above Definite Lower Limits of Linear Functions of Normally Distributed Correlated Variables on the Means and Variances of Other Linear Functions.*  
Professor G. A. Baker, University of California, Davis.
4. *An Inversion Formula for the Distribution of a Ratio of Random Variables.*  
Dr. J. Gurland, University of California, Berkeley.
5. *Independence of Parameters and Sufficient Statistics.*  
Dr. E. W. Barankin, University of California, Berkeley.

The Tuesday morning session, with Professor R. A. Gordon presiding, was devoted to the following invited and contributed papers on econometrics:

1. *Remarks on the Theory of Indices.*  
Professor G. C. Evans, University of California, Berkeley.
2. *Interrlations of Theory and Statistical Research in Economics.*  
Professor H. Working, Stanford University.
3. *Statistical and Case Methods in a Study of Labor Mobility.*  
Professor D. McEntire, University of California, Berkeley.  
Discussion: Dr. M. Lipton, University of California, Berkeley.