

REPORT ON THE CLEVELAND MEETING OF THE INSTITUTE

A meeting of the Institute of Mathematical Statistics was held in Cleveland, Ohio, Thursday to Sunday, January 24–27, 1946 in conjunction with the Annual Meetings of the American Statistical Association and the Econometric Society. The following 115 members of the Institute attended the meeting:

Beatrice Aitchison, Armen A. Alchian, Franz L. Alt, Richard L. Anderson, Kenneth J. Arnold, Max Astrachan, George J. Auner, Kenan Y. Bal, Walter Bartky, William D. Baten, Harold R. Bellison, Archie Blake, Chester I. Bliss, Albert H. Bowker, T. H. Brown, Robert W. Burgess, Oscar K. Buros, Irving W. Burr, Burton H. Camp, C. West Churchman, William G. Cochran, Edward P. Coleman, Francis G. Cornell, Jerome Cornfield, Donald R. G. Cowan, Dudley J. Cowden, Gertrude M. Cox, John H. Curtiss, Joseph F. Daly, Cuthbert Daniel, Besse B. Day, Walter L. Deemer, Jr., Daniel B. DeLury, W. Edwards Deming, Bernard Dempsey, Paul S. Dwyer, Churchill Eisenhart, Mary L. Elveback, Benjamin Epstein, Wilmoth D. Evans, Carl H. Fischer, Irving Fisher, T. N. E. Greville, Trygve Haavelmo, Clausin D. Hadley, Margaret J. Hagood, K. W. Halbert, Morris H. Hansen, Boyd Harshbarger, Byron R. Hayden, Harold Hotelling, Earl E. Houseman, Leonid Hurwicz, William Hurwitz, Calvin J. Kirchen, Lila F. Knudsen, Hendrik S. Konijn, Tjalling Koopmans, Morton Kramer, Anita R. Kury, Robert Ladd, Dickson H. Leavens, Roy Leipnik, E. Vernon Lewis, Eugene Lukacs, Henry B. Mann, George F. T. Mayer, Edward C. Molina, Alexander M. Mood, Margaret Moore, Joseph E. Morton, Frederick C. Mosteller, Charles McC. Mottley, Paul M. Neurath, Horace W. Norton, Edwin G. Olds, Paul S. Olmstead, Guy H. Orcutt, James G. Osborne, Russell F. Passano, Paul Peach, Alice E. Andrews Priestley, James Rafferty, Sophie Rakesky, Charles F. Roos, A. C. Rosander, Herman Rubin, Phillip J. Rulon, Marion M. Sandomire, Franklin E. Satterthwaite, Esther Schaeffer, Edward M. Schrock, David H. Schwartz, G. R. Seth, Lawrence W. Shaw, Jack Sherman, Walter A. Shewhart, Walt R. Simmons, Leslie E. Simon, John H. Smith, J. R. Steen, Joseph Steinberg, Henry W. Steinhaus, J. W. Sullivan, Zenon Szatrowski, Benjamin Tepping, John W. Tukey, Helen M. Walker, W. Allen Wallis, A. E. R. Westman, S. S. Wilks, Elizabeth W. Wilson, Charles P. Winsor, Gerald N. Winston, Theodore O. Yntema.

The first session of the meeting was held jointly with the American Statistical Association on Thursday afternoon on *Numerical Solution of Regression Equations*, under the chairmanship of Dr. W. E. Deming of the Bureau of the Budget. The following papers were presented:

1. *A Machine for Determination of Correlation and Regression Coefficients.*
Dr. Guy Orcutt, Massachusetts Institute of Technology
2. *A Square Root Method for the Solution of Regression Equations.*
Mr. D. B. Duncan, Royal Australian Air Force
3. *Error Control in Matrix Calculation.*
Dr. F. E. Satterthwaite, Aetna Life Insurance Company
4. *The Compact Computation of Canonical Correlations.*
Professor P. S. Dwyer, University of Michigan.

On Friday, a symposium, consisting of a morning and an afternoon section, was held jointly with the Econometric Society and the American Statistical Association on *Estimating Relations from Nonexperimental Observations*. Dr.