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### REPORT ON THE WASHINGTON MEETING OF THE INSTITUTE

The fifteenth meeting of the Institute of Mathematical Statistics was held at George Washington University, June 17-19, 1943. About 200 persons including the following sixty-one members of the Institute attended one or more of the three evening sessions:

T. W. Anderson, Jorge Arias, R. O. Been, H. R. Bellinson, B. M. Bennett, Richard Berger, Joseph Berkson, Felix Bernstein, Archie Blake, Dorothy S. Brady, W. G. Cochran, J. B. Coleman, Gertrude Cox, J. H. Curtiss, G. B. Dantzig, Besse B. Day, Robert Dorfman, H. F. Dorn, W. F. Elkin, W. D. Evans, R. H. Fadner, L. R. Frankel, M. A. Girshick, Harry H. Goode, C. H. Graves, T. N. Greville, F. E. Grubbs, Louis Guttman, Morris H. Hansen, W. A. Hendricks, W. N. Hurwitz, Walter Jacobs, Rachel M. Jenss, A. J. King, G. B. King, Lila F. Knudsen, H. S. Konijn, Solomon Kullback, H. G. Landau, J. E. Lieberman, W. G. Madow, Sophie Marcuse, J. W. Mauchly, A. M. Mood, Harold Nisselson, Monroe L. Norden, H. W. Norton, A. C. Rosander, David Rosenblatt, P. J. Rulon, Marion Sandomire, W. A. Shelton, Harry Shulman, J. H. Smith, G. W. Snedecor, F. F. Stephan, Alice Sternberg, Benjamin Tepping, J. W. Tukey, C. R. M. Tuttle, F. M. Weida.

The following program, arranged by Dr. W. G. Madow, was held:

THURSDAY, JUNE 17 AT 8:00 P.M.

#### APPLICATIONS OF SAMPLING THEORY

*Chairman*, PROFESSOR FRANK M. WEIDA, George Washington University

1. *Some Recent Developments in the Application of Sampling Theory in Agriculture*  
Arnold J. King, Iowa State College and Department of Agriculture; Walter A. Hendricks, North Carolina State College and Department of Agriculture
2. *The Relative Efficiency of Block Samples in Housing Surveys*  
Lester R. Frankel and William J. Cobb, Bureau of the Census
3. *The Optimum Size of Sampling Units*  
Dorothy Cruden and Alice Sternberg, Bureau of the Census

FRIDAY, JUNE 18 AT 8:00 P.M.

## RECENT DEVELOPMENTS IN STATISTICAL THEORY

*Chairman*, PROFESSOR GEORGE W. SNEDECOR, Iowa State College

1. *On Some Recent Developments in Sampling Theory*  
Morris H. Hansen, William N. Hurwitz, and William G. Madow, Bureau of the Census and Office of Price Administration
2. *On the Variance of Estimates Arising from Stratified Samples*  
Frederick F. Stephan, War Manpower Commission
3. *Statistical Techniques for the Comparison of Different Scales of Measurement*  
William G. Cochran, Iowa State College
4. *Adjustments for Differential Refusal Rates in Samples of Human Populations*  
Jerome Cornfield, Bureau of Labor Statistics
5. *On the Verification of Weather Forecasts*  
Horace W. Norton, Weather Bureau

SATURDAY, JUNE 19 AT 8:00 P.M.

## SOME PROBLEMS IN STATISTICS

*Chairman*, COLONEL LESLIE E. SIMON, War Department

1. *The Application of Statistical Methods in Acceptance Inspection*  
Harold Bellinson, War Department
2. *The Distribution of the Radial Standard Deviation*  
Captain Frank E. Grubbs, War Department
3. *Some Results in Tests of Randomness*  
M. A. Girshick, Department of Agriculture
4. *Corrections for Groupings*  
John H. Smith, Bureau of Labor Statistics
5. *On Group Blood Testing*  
Robert E. Dorfman, Office of Price Administration

EDWIN G. OLDS,  
*Secretary*


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**REPORT ON THE FIRST MEETING OF THE PITTSBURGH  
CHAPTER OF THE INSTITUTE**

The first meeting of the Pittsburgh Chapter of the Institute of Mathematical Statistics was held at Carnegie Institute of Technology on Saturday, June 19, 1943. Thirty-six persons attended the meeting, including the following ten members of the Institute:

Shirley Bernstein, M. A. Brumbaugh, Karl Fethers, H. J. Hand, G. E. Niver, F. G. Norris, E. G. Olds, R. F. Passano, E. M. Schrock, R. W. Shephard.

Morning and afternoon sessions were devoted to a round-table discussion of present industrial uses of statistical methods. Mr. R. F. Passano, Bethlehem Steel Co., led the discussion. Mr. F. G. Norris, Wheeling Steel Corp., acted as chairman of the sessions.