

Washington Statistical Society

WSS Newsletter-March, 1983

CALENDAR

TOPIC: Evaluation of Censored Survival Data Test Procedures Based Upon
Single and Multiple Statistics
SPEAKER: David Harrington, Ph.D., University of Virginia
DATE AND TIME: Wednesday, March 2, 1983, 12:30-2:00 P.M.
LOCATION: 2000 G Street, N.W., Room 202, (George Washington University)

TOPIC: Report on Federal Statistical Policies and Programs
SPEAKER: Christopher DeMuth, Office of Information and Regulatory Affairs,
Office of Management and Budget
CHAIR: Joe Gastwirth, George Washington University
DATE AND TIME: Tuesday, March 8, 1983, 12:30-2:00 P.M.
LOCATION: IRS Auditorium, 7th Floor, 1111 Constitution Avenue, N.W.

TOPIC: CPLEX: Software to Analyze Contingency Tables from Complex Survey
Design
SPEAKER: Robert Fry, Bureau of the Census
CHAIR: David Morganstein, WESTAT, Inc.
DATE AND TIME: Tuesday, March 15, 1983, 12:30-2:00 P.M.
LOCATION: IRS Auditorium, 7th Floor 1111 Constitution Avenue, N.W.

TOPIC: Change in The Home Ownership Component of the Consumer Price
Index (CPI)
SPEAKER: John Earley, Bureau of Labor Statistics (BLS)
DISCUSSANT: Cornelia Motheral, House Budget Committee
DATE AND TIME: Thursday, March 17, 1983, 12:30-2:00 P.M.
LOCATION: Room N3437, Perkins Building, 200 Constitution Avenue, N.W.
CO-SPONSOR: National Economists Club

TOPIC: Statistical Aspects of Merging Microdata Files
SPEAKER: Dr. Prem Goel, Visiting Professor at NSF
DATE AND TIME: Thursday, March 24, 1983, 12:30-2:00 PM
LOCATION: Conference Rm 6802, Commerce Dept., 14th & Constitution Ave., N.W.

TOPIC: SAS Programs and Macros for Survey Design and Analysis
SPEAKER: Chapman Gleason, U.S. Department of Agriculture (USDA)
DISCUSSANT: David Morganstein, WESTAT, Inc.,
DATE AND TIME: Tuesday, March 29, 1983, 12:30-2:00 P.M.
LOCATION: Rm 2096 South Bldg., USDA, Independence Avenue, Wing 4 Entrance

TOPIC: Imputation of Missing Values
SPEAKER: Frederick Little, Ph.D., Visiting Scientist at the Bureau of
the Census
CHAIR: Barbara Bailar, Bureau of the Census
DISCUSSANT: Fritz Scheureu, IRS
DATE AND TIME: Thursday, April 7, 1983, 12:30-2:00 P.M.
LOCATION: (To Be Announced)

DETAILED INFORMATION ON THE MEETINGS

TOPIC: Evaluation of Censored Survival Data Test Procedures Based Upon Single and Multiple Statistics
ABSTRACT: Recent research has indicated that rank test procedures available for censored failure time data differ considerably in their sensitivity to various alternatives to the hypothesis of equality of underlying distributions. Procedures based upon the simultaneous use of several statistics are appealing to investigators as a possible means to obtain more global sensitivity while maintaining sensitivity to alternatives of particular interest. After a careful study of the small sample adjustments required to yield proper size, the powers of properly "adjusted" procedures based upon single and multiple statistics are evaluated over a wide class of alternatives.

TOPIC: Report On Federal Statistical Policies and Programs
ABSTRACT: The Paperwork Reduction Act of 1980 assigns the Federal Statistical policy and coordination function to the Office of Information and Regulatory Affairs (OIRA). This talk will report on selected aspects of current Federal statistical policy and program issues facing OIRA.

TOPIC: CPLEX: Software to Analyze Contingency Tables From Complex Survey Designs
ABSTRACT: Users of survey data often want to perform Chi-square analyses and modelling on the tabulated results. When the design is not a simple random sample, as is usually the case, traditional methods of assessing independence and fitting log-linear models may lead to erroneous conclusions. This talk will discuss a computer program written in portable FORTRAN which can be used to analyze tables produced from complex sample designs. The discussion will focus on two issues: statistical strategies in representing the appropriate covariance structure using replication methods; and the problems of interfacing a statistical computer package with a computer analysis.

TOPIC: Change In The Home Ownership Component of the Consumer Price Index (CPI)
ABSTRACT: With the January 1983 CPI, the Bureau of Labor Statistics began measuring home ownership costs using a rental equivalence method in a flow of services framework. The change incorporates new expenditure weights for portions of the index and uses re-weighted rental units to estimate owner's implicit rent.

TOPIC: Statistical Aspects of Merging Microdata Files
ABSTRACT: Merging of two microdata files (with some overlapping variables and some variables that are unique to each file) is very useful since the merged file permits joint statements about the behavior of both the overlapping and the unique variables. Problems of interest are: 1) optional strategies when there are no common variables at all, or when the files are known to consist of information on the same objects or persons, although their identities may be obscured by measurement errors in the common variable and 2) statistical inference problems for the parameters involved in the joint distribution.

TOPIC: SAS Programs and Macros for Survey Design and Analysis
ABSTRACT: SAS has grown in popularity by combining "canned" statistical procedures (e.g., PROC REG, GLM, etc) with a flexible high level structured programming language and data base management system. For the survey statistician with limited knowledge of SAS, the power and usefulness of SAS for sample survey design, conduct, and analysis will be illustrated with SAS programs and macros for a simple stratified design.

NATIONAL CENTER FOR HEALTH STATISTICS SEMINAR

TOPIC: Established Population for Epidemiological Studies of the Elderly
SPEAKERS: Joan Coronic-Huntley, Ph.D., and Dwight Brock, Ph.D., National Institute on Aging
DATE AND TIME: Thursday, March 24, 1983, 1:30-2:30 P.M.
LOCATION: Center Bldg., Room 7-32, 3700 East-West Highway, Hyattsville, MD.
ABSTRACT: The National Institute on Aging has established three populations for epidemiologic studies of the elderly in east Boston, MA., New Haven, CT., and Washington and Iowa Counties, IA. This presentation will describe the design and planning of these studies and discuss some potential statistical problems to be addressed in the analysis of data.

INTERNAL REVENUE SERVICE, STATISTICS OF INCOME DIVISION

TOPIC: Statistics of Income--1980, Partnership Returns
SPEAKERS: Patrick Piet and Ray Samuelson, IRS
DATE AND TIME: Monday, March 14, 1983, 1:00-2:00 P.M.
LOCATION: 1201 E Street, N.W., Room 806B, Washington, D.C.
ABSTRACT: The Statistics of Income Division is sponsoring a seminar on the latest in the annual series of reports on data reported by partnerships filing information returns for Tax Year 1980. Patrick Piet will present highlights of the 1980 data and in particular will discuss the large drop in partnership net income noted for 1980. Ray Samuelson will discuss future plans for the Partnership Statistics of Income program. Both speakers are members of the Statistics of Income Division.

EMPLOYMENT COLUMN

Deadline for inserting notices is the 10th of the month preceding the publication date

Send notices and requests to: Evelyn R. Kay 520-22nd Street, N.W. Washington, D.C. 20037 (202) 331-1153

JOB OPENINGS

Mathematical Statisticians GS 1529-7/9/11 The Business Division, Bureau of the Census has openings for two positions. The types of statistical work involved are sample design, variance estimation, frame maintenance, editing, imputation, seasonal adjustment, and quality control for current business surveys and economic censuses. Master's degree in statistics and programming experience preferred. Interested applicants should send OPM Form 1200 and/or call Nash J. Monsour, Business Division, Bureau of the Census, Department of Commerce, Washington, D.C. 20233, Telephone (301) 763-7003

Mathematical Statisticians GM/GS-1529-13/14 National Highway Traffic Safety Administration anticipates a position of manager of statistical design, sampling, and quality control for the National Accident Sampling System, a continuing survey of traffic accidents (about 10,000 accidents per year from 50 sites). Applicants must have experience with survey design and operation. Will work closely with field data collection and with data users and will supervise a small statistical staff. Send SF-171 to Jim Hedlund, National Center for Statistics and Analysis (NRD-31) NHTSA, 400 7th Street, S.W., Washington, D.C., 20590 or call (202) 426-1503.

(mailed 2/22/83)



AMERICAN STATISTICAL ASSOCIATION

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