



SAN FRANCISCO BAY AREA CHAPTER
American Statistical Association
921 Regal Rd.
Berkeley CA 94708



Mailed 4/27/89

DR. ROSE M. RAY 07/87
921 REGAL ROAD
BERKELEY, CA 94708



American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER

JOINT GENERAL APPLICATIONS AND BIostatISTICS PROGRAM (In conjunction with the Society for Risk Analysis)

SPEAKER: Alice S. Whittemore
Professor of Epidemiology and Biostatistics
Stanford University

TOPIC: "NEW DIRECTIONS IN CANCER RISK ASSESSMENT"

DATE: April 27, 1989 (Thursday)
6:00 - 6:30 Cocktails (Cash Bar in the Gold Lounge)
6:30 - 7:45 Dinner
7:45 Presentation

PLACE: Stanford University Faculty Club
Lagunita Drive on the Stanford Campus

Two entrees will be offered: Chicken Kiev(\$18.25) and Seafood Brochette(\$20.25) including tax and gratuity.

RESERVATIONS: Kelvin Lee, (415) 852-3253 by APRIL 19 with your choice of entrees. To guarantee your reservation make out your check to "ASA, SF Chapter" and mail it to Kelvin Lee at 515 Tiller Lane, Redwood City 94065. Chapter members unable to join us for dinner are welcome to attend the talk, but please let Kelvin know that you are coming. The same number can be used for cancellations, as the chapter is responsible for the cost of the dinner for no shows.

FUTURE EVENTS:

May 31 (Wednesday) BIostatISTICS PROGRAM: Kathleen Lamborn (Northern California Cancer Center) will speak at Cal State Hayward, on Survival Analysis of Brain Tumor Data.

Mid June ANNUAL BUSINESS MEETING and election of officers, preceded by a talk by Michael Orkin (Cal State, Hayward). Time and place to be announced.

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APPLICANT:

POSITION DESIRED: Mathematical Statistician

EXPERIENCE: Ten years (last four as a manager) at the U.S. Census Bureau. Experience in survey design, estimation procedures, technical report writing, oral presentations, methods for data collection, processing, and statistical analysis. Familiar with FORTRAN programming and statistical packages (SPSS, Minitab, SAS and BMDP). Versed in Deming's management philosophy.

EDUCATION: M.A. in Applied Math/Statistics, U.C. Santa Barbara, 1978

CONTACT: Robert Edson (703) 971-0245 after 3pm (Pacific)

EMPLOYMENT OPPORTUNITIES

1. STATISTICIAN, FAILURE ANALYSIS ASSOCIATES

RESPONSIBILITIES: Use methods of statistical epidemiology in the analysis of large volumes of accident data. Coordinate and manage tasks performed by research assistants.

REQUIREMENTS: M.A. or Ph.D in biostatistics or Public Health. Experience with analysis of NCHS and SEER databases. SAS or other statistical analysis packages is an advantage.

COMPANY: Failure Analysis Associates is a national engineering and scientific services firm specializing in the analysis and prevention of engineering system and product failures.

SEND RESUME: Personnel Manager, Failure Analysis Associates, P.O. Box 51470, Palo Alto, CA 94303. Reference AD# jp 4.2.
 Equal Opportunity Employer.

CHAPTER DUES: Several members are more than a year behind in local chapter dues. Please check the date on your mailing label. The printed date is the last time that we received your dues. If you are overdue please send \$6 to:

Anna Bagniewska
 Syntex Labs
 34012 Hillview Avenue L-2500
 Palo Alto, CA 94304



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CONTACT: Nancy Berman
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 (213)212-1874 (213)476-2488
 or
 Roberta Madison
 Dept. of Health Sciences
 CSU, Northridge
 Northridge, CA 91330
 (818)885-4645
 (213)457-6957

REGISTRATION: The registration fee is \$60. (\$30 for full time students). Admission to the program and exhibits area, one set of handouts, refreshments and lunch are provided. Lunch cannot be guaranteed for registrations postmarked after April 30. Parking fees not included.

LOCATION: Annenberg School of Communication, USC
 DATE: Friday May 12, 1989. 8:30 - 4:30

ABSTRACT: Missing data is a pervasive problem in statistics. This workshop will a) survey ad-hoc historical approaches to missing data adjustment, b) describe principles applications to the problem based upon modeling the data and the missing data mechanism and c) discuss real applications, including missing data problems encountered by workshop participants.

Presented by: Professor Donald B. Rubin
 Department of Statistics
 Harvard University
 Professor Rodrick J.A. Little
 Department of Biomathematics
 UCLA

"Handling Missing Data: Techniques and Applications."
 Southern California Chapter of ASA Eighth Annual Workshop in Applied Statistics.

ANNOUNCEMENTS

April 27 Evening dinner meeting in conjunction with the Society for Risk Analysis. Alice Whittemore on "New Directions in Cancer Risk Assessment."
 May 31 Kathleen Lambourne will speak on Survival Analysis.

ANNOUNCEMENT OF FUTURE JOINT GENERAL APPLICATIONS AND BIostatISTICS PROGRAMS

American Statistical Association

SAN FRANCISCO BAY AREA CHAPTER



JOINT GENERAL APPLICATIONS AND BIOSTATISTICS

SPEAKER: Dr. Abraham Silvers
 Senior Project Manager, EPRI
 President, S.F. Bay Area Chapter of ASA
 Adjunct Professor, Biostatistics and Epidemiology, UCSF

TOPIC: "USER FRIENDLY COMPUTER SOFTWARE TO PERFORM QUANTAL MODEL AND TIME TO TUMOR RISK ASSESSMENT ESTIMATION"

Risk assessment has become a basis for setting environmental standards. For example, Proposition 65 relies on this methodology to assess the extent of toxicity of substances. This talk on risk assessment will present the statistical estimation issues of risk, Assessment and will demonstrate these with software. The software, developed collaboratively with K.S. Crump/ICF Clement, is user friendly for the IBM PC and obtains constrained maximum likelihood estimates for the most used quantal and time to tumor models. Some dose-response trend analysis is provided, and the capabilities to extrapolate results to humans from animal data based upon current thinking.

This meeting is held in conjunction with the UCSF Biostatistics and Epidemiology Seminar.

DATE: March 29, 1989 (Wednesday)
TIME: 3:30 - 4:00 Coffee
 4:00 - 5:00 Presentation

PLACE: Room 302, Health Sciences West
 UC San Francisco (on Parnassus Ave)

DIRECTIONS: Public parking is available at the Millberry Union lot; enter on Parnassus Ave. From the parking lot cross Parnassus, walk through the Medical Sciences Building and down the corridor into Health Sciences West; the room is on the third floor. Contact Kelvin Lee (415) 852-3253 for further information.

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| T. OF CHAPTERS REP.
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American Statistical Association

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CALENDAR

FEBRUARY 23, 1989, THURSDAY Joint General Applications and
Biostatistical Program

JOINT GENERAL APPLICATIONS AND BIostatistical PROGRAM

SPEAKER: Robert H. Somers
Research Social Scientist
Pacific Bell

TOPIC: "COMPONENTS OF PARTIAL RANK CORRELATION"

Adding an extension of the usual vector or outer product of vector analysis to least squares algebra permits a) the partial variance and covariance to be expressed in terms of pairwise differences and b) multiple regression to be interpreted as a summary of simple linear analyses of small subsets of p pairs of observations over p independent variables. Employing these results and working with only the signs of the pairwise differences, one may define an ordinal partial regression concept, closely related to Kendall's partial tau, suitable for assessing relative importance, in a regression sense, among a small number of rank orderings.

Applying these concepts to customer satisfaction data distributed over a four variable ordered cross-tabulation, conclusions about relative importance remained intact despite suppression of all but the ordinal measurements. The ordinal partial is best interpreted in terms of its components, one of which is as measure of ordinal pattern matching between categories of the controlled variables. Another summarizes data within those conditional distributions. no combining of categories is required in this analysis.

DATE: February 23, 1989 (Thursday)
3:30 - 4:00 Coffee
4:00 - 5:00 Presentation

PLACE: Stanford Medical Center
Room M106

Professor Bill Brown has kindly offered to be the local host. Refreshment will be served at his home following the presentation. Directions will be provided at the meeting.

Although there will be no charge for this meeting, the chapter would like to get an idea of the attendance. Please notify Dean Fearn (415) 537-3439 or Kelvin Lee (415) 852-3253.

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