



The Southern California STATISTICIAN

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

Volume 25, No. 34

January 1988

CHAPTER MEETINGS

RIVERSIDE/POMONA

DATE: Thursday, February 18, 1988
7:30 p.m.

SPEAKER: DENNIS V. LINDLEY
Regents' Lecturer
University of California

TITLE: *THE PRECISIONS OF BAYES
PROCEDURES*

ABSTRACT

A totally coherent, ideal Bayesian can evaluate the probability of any event directly: For example $P(\theta|X)$ for parameter θ and data X . A real person will take a less direct approach and use the probability calculus together with the equation $P(\theta|X) = P(X|\theta) P(\theta)/P(X)$. The seminar will try to answer the question of why the indirect method could be preferred to the direct approach. The solution regards probability assessment as an indirect process subject to error.

LOCATION: Room B-650
Statistics-Computer Building
University of California
Riverside, CA

FOR FURTHER INFORMATION:
Sarah DiMenna [714] 787-3774

CAREERS DAY 1988

Volunteers needed. See page 4.

SEVENTH ANNUAL WORKSHOP IN APPLIED STATISTICS

Friday, May 18, 1988
See article, page 4

WEST LOS ANGELES

DATE: Thursday, February 25, 1988
6:30 p.m. - Social Hour/7:00 p.m. -
Dinner
8:00 p.m. - Program

SPEAKER: PETER BENTLER

TITLE: *LINEAR SYSTEMS MODELLING:
A STATISTICAL APPROACH*

ABSTRACT

Linear systems theory is commonly used in engineering to design a system or process that has certain desired input/output characteristics. The BMDP program EQS (or EQS/PC) can be used to statistically evaluate the linear system behavior. When the system characteristics are unknown, a random sample of observations can be used to test hypotheses about the system performance. This type of system modelling is known as "structural equation modeling" or "covariance structure analysis" in the social and behavioral science literature. Non-normal distributions of observations and independent variables containing measurement errors are modelled using EQS. This talk provides an introduction to statistical modelling of linear systems and illustrates the theory with EQS/PC.

LOCATION: The Breakaway Restaurant
11970 Venice Blvd.
Mar Vista, CA
(1 mi. west of San Diego Fwy (405) on the southeast corner of Venice and Inglewood Blvds. Parking in rear.)

RESERVATIONS: Please call either
Dr. Michael Chernick at [213] 336-7366 or
Dr. Robert Thompson at [213] 336-9335 by
February 24, 1988.

SAN DIEGO
Fri. 3/4 IAN S. ABRAMSON
Department of Mathematics
University of California, San Diego

WEST LOS ANGELES
Joint meeting with TIMS/ORSA
March 17, 1988
Speaker TBA

Fri. 5/13 PETER A. LACHENBRUCH
School of Public Health
University of California, Los Angeles

SEMINARS AND COLLOQUIA

UC LOS ANGELES
BIOSTATISTICS SEMINARS

Wed. 2/3 DOROTA M. DABROWSKA
3:00 p.m. UC President's Fellow
Department of Statistics
University of California
Berkeley, CA
"Kaplan-Meier Estimate on the Plane"

Wed. 2/10 ROBERT E. WEISS
3:00 p.m. Department of Applied Statistics
University of Minnesota
"Bayesian Diagnostics for Almost any
Model"

For information: (714) 825-5250

UC RIVERSIDE
STATISTICS DEPARTMENT COLLOQUIA

Tue. 2/9 BAJIS M. DODIN
3:30 p.m. Graduate School of Management
University of California, Riverside
"Bounding a Project Completion Time
Distribution in PERT Networks"

For information: (714) 787-3774

THE RAND CORPORATION
STATISTICS SEMINAR SERIES

Thu. 2/18 WING WONG
Department of Statistics
University of Chicago
"Hierarchical Linear Models
Analysis in Educational Research"

For information: David Draper
(213) 393-0411

ITEMS OF INTEREST

EMPLOYMENT OPPORTUNITIES

Statistician/Econometrician

Wanted to work as management consultant. M.S. or Ph.D. with 0-5 years experience in applying statistics and quantitative methods to business and economic data. Work involves applications to business litigation. Must have good technical and communications skills. Send resume to:

Jeffrey H. Kinrich
MCS Recruiting
Price Waterhouse
1880 Century Park East
Los Angeles, CA 90067
(213) 553-6030

Epidemiologist

Director needed for vaccine safety and efficacy study. Background in clinical research, biostatistics and epidemiology expected. Ph.D. or equivalent degree in biostatistics or epidemiology. Collaborative study with UCLA Vaccine Testing Center and Southern California Kaiser-Permanente. Please contact:

Joel Ward, M.D.
Harbor-UCLA Medical Center
Research & Education Institute
Bldg. E-6
1124 West Carson Street
Torrance, CA 90502
(213) 533-2346

Senior Statisticians

Intel Corporation has two openings for senior statisticians in Santa Clara (north of San Jose). Responsibilities include providing statistical expertise in problem solving, design of experiments, process control and training. Both positions require several years of experience in industry and a Ph.D. in statistics. MS degrees with strong experience will be considered. An Equal Opportunity Employer. For immediate consideration send your resume to:

Intel Employment
c/o Box 58119
Santa Clara, CA 95052-8119
(408) 765-9318

RECENT WEST LOS ANGELES MEETING

On Thursday, January 21, Donald Bentley, Professor of Mathematics, Pomona College and President of the Southern California Chapter was the featured speaker at a Chapter meeting held in the West Los Angeles area. His talk was entitled "Why Bootstrap Survival Curves?" where in he reported on an attempt to join the use of nonparametric survival curves and the Bootstrap to provide a statistical test for evaluating the efficacy of a procedure for early detection of pre-term labor.

RECENT CHAPTERWIDE EVENT

A Day with Sanford Weisberg was held at UCLA on Saturday, February 6. Professor Weisberg's morning lecture was titled "Regression Diagnostics with Dynamic Graphics." His second talk of the day concerned "Confidence Curves for Nonlinear Regression."

**THE SEVENTH ANNUAL
APPLIED STATISTICS WORKSHOP**

Mark your calendar now and plan to attend the 1988 Workshop in Applied Statistics. The Workshop will be held on Friday, May 13, 1988, from 8:30 a.m. to 6:00 p.m. in the Annenberg School of Communications Building at the University of Southern California.

This year's speaker will be Professor Alan Agresti, a member of the faculty of the Department of Statistics at the University of Florida's Gainesville campus. Professor Agresti will speak on "The Analysis of Categorical Data: Analogs to Regression Methods".

The Workshop Organizing Committee will be mailing registration forms next month. In the meantime, if you would like more information, please contact one of the following members of the Organizing Committee:

NANCY BERMAN
King/Drew Medical Center
1621 E. 120th Street, Bldg. A
Los Angeles, CA 90059
[213] 563-5989 [213] 476-2488

ROBERTA MADISON
Department of Health Sciences
California State University
Northridge, CA 91330
[818] 885-4645 [213] 457-6957

MARY ANNE SKORPANICH
County Administrative Office
10 Civic Center Plaza
Santa Ana, CA 92701
[714] 834-3116

Robert Newcomb
School of Social Sciences
University of California
Irvine, CA 92717

SOUTHERN CALIFORNIA CHAPTER
**American
Statistical
Association**

NEWCOMB, ROBERT L. [9707]
SOCIAL SCIENCES
UNIVERSITY OF CALIFORNIA
IRVINE, CA 92717

(If the above address is incorrect, please notify Robert Newcomb)

CAREERS DAY 1988

**ATTENTION STATISTICIANS
IN BUSINESS & GOVERNMENT**

Please consider helping the chapter inform students about career opportunities for those with statistical training. I need statisticians from a wide range of settings to talk informally about the kind of work they do and their own career paths. The event is scheduled for March 5, 1988, at Cal State Long Beach; our luncheon speaker will be Barbara Bailar from the Census Bureau.

If I haven't yet phoned you about CAREERS DAY, please give me a call.

Mary Anne Skorpanich
Vice President, Professional Affairs
Orange County Administrative Office
(714) 834-3116



The Southern California STATISTICIAN

☞ Southern California Chapter Newsletter ☞

SOUTHERN CALIFORNIA CHAPTER, AMERICAN STATISTICAL ASSOCIATION

Volume 26, No.3

November, 1988

AREA MEETINGS

WEST LOS ANGELES SECTION

APPLIED STATISTICS DINNER MEETING

Wednesday, January 18, 1989
Social Hour - 6:30 p.m.
Dinner - 7:00 p.m.
Presentation - 8:00 p.m.

SPEAKER:

BUD GOODE
Sports Statistical Consultant

Bud Goode has many years of experience consulting for professional sports teams. The subject matter of this presentation is very timely for January's Rose Bowl game.

TITLE:

"Statistical Analysis of Recent Developments in Professional Football"

LOCATION:

The China Garden Restaurant
10226 Venice Blvd.
Culver City

(The China Garden (2nd floor) is about 1 mile east of the San Diego (405) freeway on Venice Blvd. at the southeast corner of Venice and Vinton (1 block east of Motor). Parking is available at the rear of the restaurant, inside the shopping center, or on the street. The meeting will be held on the second floor.

DINNER RESERVATIONS:

Please call Dr. Michael Chernick at (714) 476-0800, or Dr. Robert Thompson at (213) 336-9335, or Jon Binkley at (213) 336-8656 by October 19, 1988. Another 10 course Chinese banquet is planned for \$12.50 (includes tax and tip).

NOTE:

Professor Elizabeth Trybus' talk, "The Statistical Structure of the Minimum Spanning Tree," has been postponed until spring. Suggestions for future topics, speakers, and meeting locations may be directed to any of the organizers. Industrial applications by members are especially welcome.

SAN DIEGO AREA MEETING

Friday, December 9
Social Hour - 6:30 p.m.
Dinner - 7:00 p.m.
Presentation - 7:45 p.m.

SPEAKER:

Duane L. Steffey
Math Dept., San Diego State University

TITLE:

"A Reanalysis of the Effron and Morris Baseball Data Using Prior Information"

LOCATION:

Faculty Lounge, University Center
University of San Diego

For more information, contact:

Joe Moser, Chairman, San Diego Area
619-594-6195 or 619-563-8984

*HOLIDAY
GREETINGS!!*



STATISTICAL EVENTS

UC LOS ANGELES

BIOSTATISTICS SEMINAR

Wed. 11/9 - Bradley Elfron
3:00 p.m. "Regression Percentiles Using
CHS 51-269 Asymmetric Squared Error"

Wed. 11/16 - Ross Prentice
3:00 p.m. "Dietary Fat Intervention Trial for
CHS 51-269 Disease Prevention in Women: A
Proposal"

Wed. 11/30 - Rod Little and Jeremy Taylor
3:00 p.m. "T for Too Long Tails?"
CHS 51-269

Wed. 12/7 - Nicholas P. Jewell
3:00 p.m. "Marker Processes in Survival Analysis,
CHS 51-269 with Application to AIDS"

Information: James Sayre, 213-825-5250

UC RIVERSIDE

STATISTICS DEPARTMENT COLLOQUIA

Tues. 11/8 - Jan W. Kuzma
3:00 p.m. "Life Style and Life Expectancy of
California Adventists"

Tues. 11/15 - Barry C. Arnold
3:00 p.m. "Estimation in Conditionally Specified
Models"

Tues. 11/22 - Hamid Namini
3:00 p.m. "Influential Observations with Respect to
Design and Model"

Tues. 11/29 - Prof. Donald L. Bentley
3:00 p.m. Title not available at this time

Information: Sarah DuMenna 714-787-3774

UC IRVINE

APPLIED STATISTICS COLLOQUIA

Fri. 11/11 - Paul Blemer
10:00 a.m. "A Spatial Modeling Approach to the
SST 640 Evaluation of Census Nonsampling Error"

Fri. 11/18 - Don Bentley
10:00 a.m. "Survival Analysis: A Birth and Death
SST 640 Issue"

Information: Bob Newcomb 714-856-7027

UC SANTA BARBARA

STATISTICS DEPARTMENT COLLOQUIA

Tues. 11/15 - George Terdik
4:00 p.m. "Bilinear Time Series; Assumption for
SH6635 Stationarity, Linear Prediction,
Realization"

Tues. 11/22 - A. Sengupta
4:00 p.m. Title to be Announced
SH 6635

Tues. 11/29 - N. Becker
4:00 p.m. Title to be Announced
SH 6635

Information: Shelley Fanning 805-961-2129

THE RAND CORPORATION

STATISTICS SEMINAR SERIES

Thurs. 11/17 - Naihua Duan
3:30 p.m. "Regression Analysis with Uncertainty in
the Functional Form of the Model"

Information: David Draper 213-393-0411, X7713

ANNOUNCEMENTS

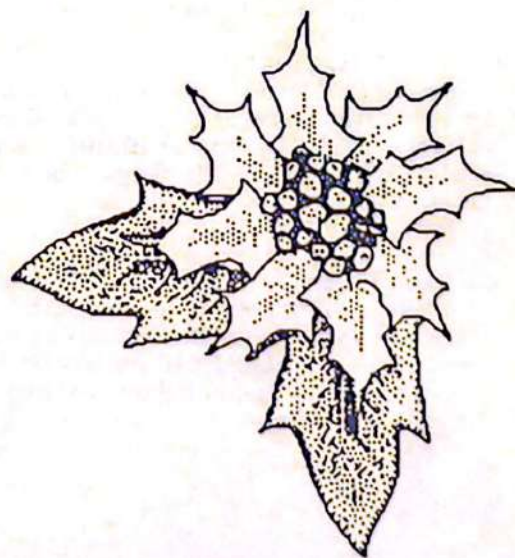
NEW CHAPTER OFFICERS

Chapter officers for 1988-1989 were elected at the
General Meeting held October 29 in Pomona.

President:		
	Dan Martinez, CSULB	213-985-4136 213-985-4721
President-Elect:		
	Srinivas Jammalamadaka, UCSB	805-961-3119 805-961-2129
VP-Professional Affairs:		
	Jeff Kinrich, Price Waterhouse	213-553-6030
VP-Academic Affairs:		
	Donald Ylvisaker, UCLA	213-825-4819
Secretary:		
	Randy Hamlin, Beatrice Foods	714-680-1275
Treasurer:		
	Jim Sayre, UCLA	213-825-5250 213-825-9284

Newsletter

Please send submissions for future newsletters to Mary
Anne Skorpanich, c/o County Admin. Office, 10 Civic Center
Plaza, Santa Ana, CA 92707. You may phone at (714)
834-3116 with questions or for information on sending
materials by FAX machine.



ASA WINTER CONFERENCE

January 4-6, 1989
Sheraton on Harbor Island
San Diego, California

The theme for the 1989 Winter Conference is "Statistics in Society." Three participating ASA Sections will sponsor sessions: Business and Economics, Social Statistics, and Survey Research Methods. In addition, ASA Chapters for District 7, the western region of the U.S., will sponsor sessions.

A major goal is to attract a broadly based audience to the meeting, including ASA members and potential members who may not be drawn to the Annual Meeting. Students and professionals who apply statistics in their work are encouraged to attend and participate.

The overall format for the meeting will include "Feature Presentations" by leading experts representing each of the three participating sections and "Invited Sessions" on specialized topics related to sampling and survey methods, business and economic statistics, and social statistics. Numerous contributed paper presentations, poster sessions, and continuing education "short courses" are also included. The 1989 ASA Winter Conference will have a regional orientation with focus on the West, but also encourage participation from outside the region.

More sessions and events are planned than any previous Winter Conference, and attendance at the conference is expected to substantially surpass the previous record of 460 attendees. The organizers have tried to develop a program which would be of interest to statisticians and nonstatisticians alike.

Registration Deadline December 15

The preliminary conference program in full may be found in the November issue of Amstat News, as well as registration information. Further information may be obtained from the American Statistical Association at 703-684-1221.

Conference Organizers :

Paul P. Blemer, Chair
New Mexico State University

Juliet Shaffer, Social Statistics
University of California, Berkeley

Dan Steinberg, Business and Economics
San Diego State University

S. Lynne Stokes, Survey Research Methods
University of Texas, Austin

EMPLOYMENT OPPORTUNITIES

As a service to its members, SCASA publishes employment opportunities in this newsletter free of charge. We welcome such notices from local employers. Please send submissions to Mary Anne Skorpanich, Orange County Administrative Office, 10 Civic Center Plaza, Santa Ana, CA 92701.

Statistician in an Internal Consulting Organization

Hughes Aircraft Company in the greater Los Angeles area has openings for two statisticians: one in January 1989 and one in June 1989. The positions offer challenge and a broad variety of work in such areas as regression, design of experiments, analysis of satellite data, Monte Carlo simulations, trouble-shooting, cost analysis including analysis of cost uncertainty, and the design and conduct of employee surveys. Experience with consulting and SAS are required. Applicants must have an M.S. or Ph.D. in statistics. Other desired attributes include good communication skills,

interest in working as a team member with statisticians and/or engineers, teaching ability, and an interest in engineering problems.

The positions are in the Systems Engineering and Operations Division of the Space and Communications Group located in El Segundo, California. Hughes, a subsidiary of General Motors Corporation, has salaries and benefits which are competitive with other aerospace companies.

Qualified applicants should send a resume and a letter indicating areas of interest and date available for employment. A transcript would also be appreciated. U.S. citizenship is required. Please direct this information to:

Joe Engleman
Hughes Aircraft Company
Building S41, M.S. A353
Post Office Box 92919

Mary Anne Skorpanich
County Administrative Office
10 Civic Center Plaza
Santa Ana, CA 92707

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