



The Southern California STATISTICIAN

DEPARTMENT OF MATHEMATICS
UNIVERSITY OF CALIFORNIA, BERKELEY

✱ Meeting Memo and Newsletter ✱

Vol 14 No 2

Southern California Chapter American Statistical Assn

October 1977

FRANK J. MASSEY TO SPEAK AT OCTOBER 27 MEETING

Our October 27 chapter meeting will feature Dr. Frank J. Massey, Jr., discussing "Power and Sample Size with the Two Binomial as an Example".

Dr. Massey received his Ph.D. in Statistics from the University of California at Berkeley in 1947. After teaching at the University of Maryland and the University of Oregon, he joined the UCLA School of Public Health in 1956 and is now Professor and Head of the Division of Biostatistics there. He has worked in statistical theory and application related to non-parametric techniques and epidemiology and co-authored with W. J. Dixon the text Introduction to Statistical Analysis, now in its third edition.

The following is an abstract of Dr. Massey's talk:

The sample size question is one which statisticians have exploited and for which they have been exploited. Historically, the number of observations made have been more dependent on the available time, money, and effort rather than on considerations of power or sampling accuracy. Currently it is fashionable (and in fact sometimes required) to obtain statistical advice as to this point, but one wonders how often the criteria leading to sample size have been altered rather than the sample size adjusted to fit the criteria.

In testing the equality of two proportions, there are at least three sample size formulas which are pushed in texts. These relate to the corrected and uncorrected chi-square and the use of the arc sine transformations. These will be discussed.

OCTOBER MEETING ANNOUNCEMENT

WHEN: Thursday, October 27, 1977

6:00 P.M. - Cocktails
7:00 P.M. - Dinner
8:00 P.M. - Speaker

WHERE: Rodger Young Center
936 W. Washington Blvd.
Los Angeles, California

PRICE: \$7.00
\$5.00 for full-time students
Includes dinner

FOR RESERVATIONS, contact

Dennis Aaron
(213) 451-7354
Reservations should be received
by Tuesday, October 25.

COMING CHAPTER EVENTS

Dec. - Regular Chapter Meeting at Rodger Young Center. Dr. Nancy R. Mann of the Science Center, Rockwell International Corporation, will speak on "Application of Reliability Methods to Analysis of Alcoholism Failures".

Dec. 10 - Annual Christmas Party

Jan. 26 - Regular Chapter Meeting at Rodger Young Center. Dr. Carl Morris of the Rand Corporation will speak regarding Stein's Paradox. Dr. Morris co-authored a recent Scientific American article on this subject.