The 1980 Technometrics Prizes

The Chemical Division of the American Society for Quality Control has announced the winners of the Twelfth Annual Technometrics prizes commemorating Frank Wilcoxon and Jack Youden. (All the papers published in Technometrics in 1980 were eligible and were automatically entered in the competition.)


The Jack Youden Prize for the best expository paper in Technometrics in 1980 is shared by Edward J. Dudewicz for his paper “Ranking (Ordering) and Selection: An Overview of How to Select the Best” and D. M. Titterington for his paper “Aspects of Optimal Design in Dynamic Systems.”

Each prize is $500 in cash and an award certificate. The winners were honored at the annual Chemical Division Banquet on May 27, 1981, in San Francisco.

The previous winners of Technometrics prizes are listed below.

Frank Wilcoxon Prize for Best Practical Application Paper

1975—*W. S. Cleveland and Beat Kleiner*, A Graphical Technique for Enhancing Scatter Plots with Moving Statistics; *Ronald D. Snee*, Experimental Designs for Quadratic Models in Constrained Mixture Spaces
1976—*Brian L. Joiner and Cathy Campbell*, Designing Experiments When Run Order Is Important; *William S. Cleveland and Roberta Guarino*, Some Robust Statistical Procedures and Their Application To Air Pollution Data
1978—*Cuthbert Daniel*, Patterns in Residuals in the Two-Way Layout
1979—*Josef Schmee and Gerald J. Hahn*, A Simple Method for Regression Analysis With Censored Data

Jack Youden Prize for Best Expository Paper

1972—*J. Youden*, Enduring Values; *J. Youden*, Randomization and Experimentation; *P. T. Pope and J. T. Webster*, The Use of an F-Statistic in Stepwise Regression Procedures; *S. S. Shapiro and M. B. Wilk*, An Analysis of Variance Test for the Exponential Distribution (complete samples)
1973—*J. A. Cornell*, Experiments With Mixtures: A Review
1974—D. W. Marquardt and R. D. Snee, Test Statistics for Mixture Models; J. T. Webster, R. F. Gunst, and R. L. Mason, Latent Root Regression Analysis; Svante Wold, Spline Functions in Data Analysis
1976—R. R. Hocking, F. M. Speed, M. J. Lynn, A Class of Biased Estimators in Linear Regression
1977—R. D. Snee, Validation of Regression Models: Methods and Examples
1978—Kenneth N. Berk, Comparing Subset Regression Procedures; Jerald F. Lawless, Confidence Interval Estimation for the Weibull and Extreme Value Distributions
1979—Norman R. Draper and H. Craig Van Nostrand, Ridge Regression and James-Stein Estimation: Review and Comments