

Journal Of Modern Applied Statistical Methods

Invited Articles

- 261 – 270 **Juliet P. Shaffer** Confidence Intervals on Subsets may be Misleading
- 271 – 287 **James Algina,
H. J. Keselman** Assessing Treatment Effects in Randomized Longitudinal Two-Group Designs with Missing Observations
- 288 – 304 **S. James Press,
Judith M. Tanur** An Overview of the Respondent-Generated Intervals (RGI) Approach to Sample Surveys

Regular Articles (Theory)

- 305 – 321 **Hakan Demirtas** Modeling Incomplete Longitudinal Data
- 322 – 332 **Du Feng,
Norman Cliff** Monte Carlo Evaluation of Ordinal d with Improved Confidence Interval
- 333 – 344 **Lisa M. Lix,
Aynsle M. Hinds** Multivariate Contrasts for Repeated Measures Designs Under Assumption Violations
- 345 – 356 **Pingfu Fu,
J. Sunil Rao** On a Simple Method for Analyzing Multivariate Survival Data Using Sample Survey Methods
- 357 – 369 **Victor M. Guerrero,
Rafael Perera** Variance Stabilizing Power Transformation for Time Series
- 370 – 385 **Ghazi Shukur,
Panagiotis Matalos** Size and Power of the RESET Test as Applied to Systems of Equations: A Bootstrap Approach
- 386 – 398 **Amjad Al-Nasser,
Ayman Baklizi** Interval Estimation for the Scale Parameter of Burr Type X Distribution Based on Grouped Data
- 399 – 405 **Vladimir Gercsik,
Mark Kelbert** On Comparison of Hypothesis Tests in the Bayesian Framework Without Loss Function

Early Scholars

- 406 – 416 **Miguel A. Padilla,
James Algina** Type I Error Rates for a One Factor Within-Subjects Design with Missing Values
- 417 – 431 **LiPing Chu,
S. James Press,
Judith M. Tanur** Confidence Elicitation and Anchoring in the Respondent-Generated Intervals (RGI) Protocol
- 432 – 442 **Xinyue Zhou,
Joel R. Levin** A Note on Extending Scheffé's Modified Multiple-Comparison Procedure to Other Analysis Situations

- 443 – 461 **Livio Corain,
Luigi Salmaso** Multivariate and Multistrata Nonparametric Tests:
The NonParametric Combination Method
- 462 – 475 **Xiaosheng Lei,
Janet K. Holt,
T. Mark Beasley** Aligned Rank Tests as Robust Alternatives for Testing
Interactions in Multiple Group Repeated Measures
Designs with Heterogeneous Covariances
- JMASM Algorithms and Code*
- 476 – 484 **Jann-Huei Jinn** JMASM12: The President’s Problem
- 485 – 497 **Hakan Demirtas** JMASM13: Pseudo-Random Number Generation in R for
Commonly Used Multivariate Distributions
- 498 – 503 **Sikha Bagui,
Subhash Bagui** JMASM14: An Algorithm and Code for Computing Exact
Critical Values for the Kruskal-Wallis Nonparametric
One-Way ANOVA
- 504 – 517 **Maria A. Barceló,
Marc Saez** JMASM15: A Modification of the EM Algorithm to
Estimate an Andersen-Gill Gamma Frailty Model for
Multivariate Failure Time Data
- Special Section: Commemorating the Retirement of R. Clifford Blair*
- 518 – 566 **Shlomo Sawilowsky** A Conversation with R. Clifford Blair on the Occasion of
his Retirement
- 567 – 575 **James J. Higgins** Statistics and Technology: Reflections on
35 Years of Change
- 576 – 577 **Bruce W. Hall** Mentoring Doctoral Students: A Personal Perspective
- 578 – 580 **Howard Stoker** “Teaching” in honor of Cliff Blair
- 581 – 593 **John H. Neel** A New Goodness-of-Fit Test for Item Response Theory

JMASM is an independent print and electronic journal (<http://tbf.coe.wayne.edu/jmasm>) designed to provide an outlet for the scholarly works of applied nonparametric or parametric statisticians, data analysts, researchers, classical or modern psychometricians, quantitative or qualitative evaluators, and methodologists. Work appearing in *Regular Articles*, *Brief Reports*, and *Early Scholars* are externally peer reviewed, with input from the Editorial Board; in *Statistical Software Applications and Review* and *JMASM Algorithms and Code* are internally reviewed by the Editorial Board.

Three areas are appropriate for *JMASM*: (1) development or study of new statistical tests or procedures, or the comparison of existing statistical tests or procedures, using computer-intensive Monte Carlo, bootstrap, jackknife, or resampling methods, (2) development or study of nonparametric, robust, permutation, exact, and approximate randomization methods, and (3) applications of computer programming, preferably in Fortran (all other programming environments are welcome), related to statistical algorithms, pseudo-random number generators, simulation techniques, and self-contained executable code to carry out new or interesting statistical methods. Elegant derivations, as well as articles with no take-home message to practitioners, have low priority. Articles based on Monte Carlo (and other computer-intensive) methods designed to evaluate new or existing techniques or practices, particularly as they relate to novel applications of modern methods to everyday data analysis problems, have high priority.

Problems may arise from applied statistics and data analysis; experimental and nonexperimental research design; psychometry, testing, and measurement; and quantitative or qualitative evaluation. They should relate to the social and behavioral sciences, especially education and psychology. Applications from other traditions, such as actuarial statistics, biometrics or biostatistics, chemometrics, econometrics, environmetrics, jurimetrics, quality control, and sociometrics are welcome. Applied methods from other disciplines (e.g., astronomy, business, engineering, genetics, logic, nursing, marketing, medicine, oceanography, pharmacy, physics, political science) are acceptable if the demonstration holds promise for the social and behavioral sciences.

Editorial Assistant
Patric R. Spence

Professional Staff
Bruce Fay,
Business Manager

Production Staff
Christina Gase
Jack Sawilowsky

Internet Sponsor
Paula C. Wood, Dean
College of Education,
Wayne State University

Entire Reproductions and Imaging Solutions
Internet: www.entire-repro.com

248.299.8900 (Phone)
248.299.8916 (Fax)

e-mail:
sales@entire-repro.com