

Journal of Modern Applied Statistical Methods

Volume 4 | Issue 2

Article 1

11-1-2005

Front Matter

JMASM Editors

Follow this and additional works at: http://digitalcommons.wayne.edu/jmasm

Recommended Citation

Editors, JMASM (2005) "Front Matter," *Journal of Modern Applied Statistical Methods*: Vol. 4 : Iss. 2 , Article 1. DOI: 10.22237/jmasm/1130803200 Available at: http://digitalcommons.wayne.edu/jmasm/vol4/iss2/1

This Front Matter is brought to you for free and open access by the Open Access Journals at DigitalCommons@WayneState. It has been accepted for inclusion in Journal of Modern Applied Statistical Methods by an authorized editor of DigitalCommons@WayneState.

The easy way to find open access journals

DOAJ DIRECTORY OF OPEN ACCESS JOURNALS

www.doaj.org

The Directory of Open Access Journals covers free, full text, quality controlled scientific and scholarly journals. It aims to cover all subjects and languages.

Aims

- Increase visibility of open access journals
- Simplify use
- Promote increased usage leading to higher impact

Scope

The Directory aims to be comprehensive and cover all open access scientific and scholarly journals that use a quality control system to guarantee the content. All subject areas and languages will be covered.

In DOAJ browse by subject

Agriculture and Food Sciences Biology and Life Sciences Chemistry General Works History and Archaeology Law and Political Science Philosophy and Religion Social Sciences Arts and Architecture Business and Economics Earth and Environmental Sciences Health Sciences Languages and Literatures **Mathematics and statistics** Physics and Astronomy Technology and Engineering

Contact

Lotte Jørgensen, Project Coordinator Lund University Libraries, Head Office E-mail: lotte.jorgensen@lub.lu.se Tel: +46 46 222 34 31 Funded by







Journal Of Modern Applied Statistical Methods

Shlomo S. Sawilowsky *Editor* College of Education Wayne State University

Harvey Keselman Associate Editor Department of Psychology University of Manitoba

Bruno D. Zumbo Associate Editor Measurement, Evaluation, & Research Methodology University of British Columbia

> Vance W. Berger Assistant Editor Biometry Research Group National Cancer Institute

Todd C. Headrick Assistant Editor Educational Psychology and Special Education Southern Illinois University-Carbondale

> Alan Klockars Assistant Editor Educational Psychology University of Washington

John L. Cuzzocrea *Editorial Assistant* Educational Evaluation & Research Wayne State University Journal of Modern Applied Statistical Methods November, 2005, Vol. 4, No. 2, 353-628

Subhash Chandra Bagui Department of Mathematics & Statistics University of West Florida

J. Jackson Barnette School of Public Health University of Alabama at Birmingham

Vincent A. R. Camara Department of Mathematics University of South Florida

Ling Chen Department of Statistics Florida International University

Christopher W. Chiu Test Development & Psychometric Rsch Law School Admission Council, PA

Jai Won Choi National Center for Health Statistics Hyattsville, MD

Rahul Dhanda Forest Pharmaceuticals New York, NY

John N. Dyer Dept. of Information System & Logistics Georgia Southern University

Matthew E. Elam Dept. of Industrial Engineering University of Alabama

Mohammed A. El-Saidi Accounting, Finance, Economics & Statistics, Ferris State University

Felix Famoye Department of Mathematics Central Michigan University

Barbara Foster Academic Computing Services, UT Southwestern Medical Center, Dallas

Shiva Gautam Department of Preventive Medicine Vanderbilt University

Dominique Haughton Mathematical Sciences Department Bentley College

Scott L. Hershberger Department of Psychology California State University, Long Beach

Joseph Hilbe Departments of Statistics/ Sociology Arizona State University

Editorial Board

Sin–Ho Jung Dept. of Biostatistics & Bioinformatics Duke University

Jong-Min Kim Statistics, Division of Science & Math University of Minnesota

Harry Khamis Statistical Consulting Center Wright State University

Kallappa M. Koti Food and Drug Administration Rockville, MD

Tomasz J. Kozubowski Department of Mathematics University of Nevada

Kwan R. Lee GlaxoSmithKline Pharmaceuticals Collegeville, PA

Hee-Jeong Lim Dept. of Math & Computer Science Northern Kentucky University

Balgobin Nandram Department of Mathematical Sciences Worcester Polytechnic Institute

J. Sunil Rao Dept. of Epidemiology & Biostatistics Case Western Reserve University

Karan P. Singh University of North Texas Health Science Center, Fort Worth

Jianguo (Tony) Sun Department of Statistics University of Missouri, Columbia

Joshua M. Tebbs Department of Statistics Kansas State University

Dimitrios D. Thomakos Department of Economics Florida International University

Justin Tobias Department of Economics University of California-Irvine

Dawn M. VanLeeuwen Agricultural & Extension Education New Mexico State University

David Walker Educational Tech, Rsrch, & Assessment Northern Illinois University בס"ד Copyright © 2005 JMASM, Inc. 1538 – 9472/05/\$95.00

J. J. Wang Dept. of Advanced Educational Studies California State University, Bakersfield

Dongfeng Wu Dept. of Mathematics & Statistics Mississippi State University

Chengjie Xiong Division of Biostatistics Washington University in St. Louis

Andrei Yakovlev Biostatistics and Computational Biology University of Rochester

Heping Zhang Dept. of Epidemiology & Public Health Yale University

INTERNATIONAL

Mohammed Ageel Dept. of Mathematics, & Graduate School King Khalid University, Saudi Arabia

Mohammad Fraiwan Al-Saleh Department of Statistics

Yarmouk University, Irbid-Jordan

Keumhee Chough (K.C.) Carriere Mathematical & Statistical Sciences University of Alberta, Canada

Michael B. C. Khoo Mathematical Sciences Universiti Sains, Malaysia

Debasis Kundu Department of Mathematics Indian Institute of Technology, India

Christos Koukouvinos Department of Mathematics National Technical University, Greece

Lisa M. Lix Dept. of Community Health Sciences University of Manitoba, Canada

Takis Papaioannou Statistics and Insurance Science University of Piraeus, Greece

Nasrollah Saebi Computing, Information Systems & Math Kingston University, UK

Keming Yu Department of Statistics University of Plymouth, UK

Journal Of Modern Applied Statistical Methods

| Invited Arti 353 – 371 | <i>cles</i> Harvey Keselman, James Algina, Katherine Fradette | Robust Confidence Intervals for Effect Size in the Two Group Case | |
|---------------------------|--|--|--|
| 372 - 393 | J. D. Opdyke | A Single, Powerful, Nonparametric Statistic for Continuous-data Telecommunications Parity Testing | |
| Regular Art | ticles | | |
| 394 – 401 | T. K. Mak, Fassil Nebebe | Estimation of Process Variances in Robust Parameter Design | |
| 402 - 407 | Taisuke Otsu | Testing Normality Against the Laplace Distribution | |
| 408 - 424 | Steve Su | A Discretized Approach to Flexibly Fit Generalized Lambda Distributions to Data | |
| 425 – 433 | Sudhir R. Paul | Testing Goodness of Fit of the Geometric Distribution: Application to Human Fecundability Data | |
| 434 - 445 | Honghu Liu, Tongtong Wu | Sample Size Calculation and Power Analysis of Time-Averaged Difference | |
| 446 - 459 | Jackson Barnette, James E. McLean | Type I Error of Four Pairwise Mean Comparison Procedures Conducted as Protected and Unprotected Tests | |
| 460 - 472 | Tim Moses, Alan Klockars | Testing for Aptitude-Treatment Interactions in Analysis of Covariance and Randomized Blocks Designs Under Assumptions Violations | |
| 473 - 481 | Jens C. Eickhoff | Quasi-Maximum Likelihood Estimation for Latent Variable Models with Mixed Continuous and Polytomous Data | |
| 482 - 499 | Balgobin Nandram | A Bayesian Subset Analysis of Sensory Evaluation Data | |
| 500 - 508 | David Siev | An Estimator of Intervention Effect on Disease Severity | |
| 509 - 513 | Mohammed Ebrahem, Amjad Al-Nasser | Estimating the Slope of Simple Linear Regression in the Presence of Outliers | |

| 514 - 521 | S. Katsaragakis, C. Koukouvinos, S. Stylianou, W. –M. Theodoraki | Comparison of Statistical Tests in Logistic Regression: The Case of Hypernatreamia | |
|---------------------------|--|---|--|
| 522 – 527 | Dongfeng Wu, Xiaoqin Wu, Ioana Banicescu, Ricolindo L. Cariño | Simulation Procedure in Periodic Cancer Screening Trials | |
| 528 –537 | Ludmila Kuncheva, Zoë S.J. Hoare, Peter D. Cockroft | Selection of Independent Binary Features Using Probabilities: An Example from Veterinary Medicine | |
| 538 - 544 | Amitava Saha | A Mixed Randomized Response Technique for Complex Surveys | |
| 545 – 552 | Rosa Arboretti Giancristofaro, Marco Marozzi, Luigi Salmaso | Nonparametric Pooling and Testing of Preference Ratings for Full-Profile Conjoint Analysis Experiments | |
| 553 – 566 | Chengjie Xiong Kejun Zhu | Statistical Model and Estimation of the Optimum Price for a Chain of Price Setting Firms | |
| 567 – 582 | Michael B. C. Khoo | A Nonrigorous Approach of Incorporating Sensitizing Rules into Mulvivariate Control Charts | |
| Brief Report 583 – 586 | s M. Masoom Ali, Jungsoo Woo | Inference on $P(Y < X)$ in a Pareto Distribution | |
| 587 - 590 | Vance Berger | Training Statisticians to be Alert to the Dangers of Misapplying Statistical Methods | |
| 591 – 597 | Marilyn Thompson, Samuel B. Green, Yi-hsin Chen, Shawn Stockford, Wen-juo Lo | Power of the <i>t</i> Test for Normal and Mixed Normal Distributions | |
| 598 - 600 | Shlomo Sawilowsky | Misconceptions Leading to Choosing the t Test Over the Wilcoxon Mann-Whitney Test for Shift in Location Parameter | |

Early Scholars

| 601 – 608 Xuemei Pan | | Sample Size Selection for Pair-Wise Comparisons | |
|-----------------------------|--------------------|---|--|
| | C. Mitchell Dayton | Using Information Criteria | |

JMASM Algorithms and Code

| 609 – 620 | Jusitce I. Odiase, Sunday M. Ogbonmwan | JMASM20: Exact Permutation Critical Values for the Kruskal-Wallis One-Way ANOVA |
|------------|--|--|
| 621 - 626 | C. Mitchell Dayton, Xuemei Pan | JMASM21: PCIC_SAS: Best Subsets Using Information Criteria (SAS) |
| End Matter | | |

| 627 - 628 | Author | Statistical Pronouncements IV |
|-----------|--------|-------------------------------|
| | | |

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 computerintensive 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. 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.

| Editorial Assistant | Professional Staff | Production Staff | Internet Sponsor |
|---------------------|-------------------------|------------------|------------------------|
| John Cuzzocrea | Bruce Fay, | Christina Gase | Paula C. Wood, Dean |
| | Business Manager | | College of Education, |
| | | | Wayne State University |

Credits: Photograph of the late Dr. Clifford E. Lunneborg courtesy of Mrs. Pat Lunneborg. The memoriam was written by Dr. Phillip I. Good.

| Cushing-Malloy, Inc. | (888) 295-7244 toll-free (Phone) | Sales & Information: |
|----------------------------------|----------------------------------|---------------------------|
| Internet: www.cushing-malloy.com | (734) 663-5731 (Fax) | skehoe@cushing-malloy.com |