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Curriculum Vitae

Education

- Ph.D. Industrial-Organizational Psychology, 1999
The George Washington University
- Ph.D. Statistical Science, 1977
Southern Methodist University,
- M.S. Statistical Science, 1975
Southern Methodist University,
- B.S. Psychology, 1967
Duke University

Publications In Refereed Journals

The mixture approach for simulating bivariate distributions with specified correlations.
The American Statistician, 56, 48-54.
Michael, J.R., & Schucany, W.R. (2002).

Using statistical thinking to solve maintenance problems.
Quality Progress, 22, No 5, 55-60.
Morganstein, D., Brick, J.M., & Michael, J.R. (1989).

The influence curve and goodness of fit.
Journal of the American Statistical Association, 80, 678-682.
Michael, J.R., & Schucany, W.R. (1985).

The stabilized probability plot.
Biometrika, 70, 11-17.
Michael, J.R. (1983).

A new approach to testing goodness of fit for censored samples.
Technometrics, 21, 435-441.
Michael, J.R., & Schucany, W.R. (1979).

Generating random variates using transformations with multiple roots.
The American Statistician, 30, 88-90.
Michael, J.R., Schucany, W.R., & Haas, R. T. (1976).

Book Chapter

Analysis of data from censored samples.
Chapter 11 of Goodness of Fit Techniques, Marcel Dekker, Inc.
Michael, J.R., & Schucany, W.R. (1986).

Work History

Private Consultant
Dallas Metropolitan Area; 1996-present
Expert testimony, consulting; statistical analysis.

Research Professor, Adjunct Assistant Professor, Instructor
Southern Methodist University; intermittently 1975-2009

Courses taught:

- Statistical Consulting (Statistics 6366)
- Statistics for Modern Business Decisions (Statistics 2301)
- Experimental Statistics I (Statistics 5371)
- Experimental Statistics II (Statistics 5372)
- Theory of Probability and Statistics I (Statistics 5373)

Principal Research Scientist, Project Director
American Institutes for Research, Palo Alto, CA; 1994-1996
(Similar to current position).

Manager, Survey Statistician
Westat, Inc., Rockville, MD (survey research firm); 1986-1994
Managed contracts, projects, proposals. Designed, managed, analyzed complex surveys.
Taught quality management to diverse clients in North America.

President
DataProbe, Inc.; Dallas, Texas; 1980-1985
(Similar to current position)

Member of Technical Staff
Bell Telephone Labs, Holmdel, New Jersey; 1977-1980
Research and consulting in the area of product quality and reliability.

Briefing Officer
United States Air Force: Omaha, NB; Taipei Taiwan; 1967-1972
Briefed senior civilian and military officers on strategic threats to the U.S.

Litigation Support

15+ years
100+ projects
30+ testimonies

Sworn Testimony in the Last Four Years

Florida Pediatric Society et al vs. Benson et al*
Southern District of Florida
Deposition: March 10, 2009
Allegation: Failure to provide adequate Medicaid Services to children.
Services: Critiqued Plaintiffs' use survey estimates and reliance upon qualitative analyses.

Williams et al* vs. Sprint
District of District of Kansas
Deposition: February 2, 2007
Allegation: Employment discrimination on account of age.
Services: Analyzed rates of reduction-in-force; processed 7 million records.

OOIDA vs. USIS*
District of Colorado
Deposition: November 2, 2005
Allegation: Defendant provided Inaccurate Consumer Data (according to FRCA).
Services: Critiqued Psychometric Methodology employed by opposing expert.

**party represented by retaining counsel*

Selected Technical Reports

The programming process for analyzing selection events at the American Institutes for Research. Michael, J.R. (1995). AIR Report.

A qualitative evaluation of the personnel processes at the U.S. EPA. Michael, J.R. (1993). Westat Report.

A model for predicting 1993 salary. Chapter 4 of IEEE Salary and fringe benefit survey for 1993. Michael, J.R. (1993). Westat Report.

Ten years in America: a report on the aliens legalized by the immigration and reform and control act of 1986. Michael, J.R. (1992). Westat Report.

Theoretical issues in the estimation of effluent limitations for pesticide manufacturers. Michael, J.R., Rogers, J., Clickner, R., & Wright, D. (1991). Westat Report.

Factors associated with 1991 annual salary. Chapter 5 of IEEE salary and fringe benefit survey for 1991. Michael, J.R. (1991). Westat Report.

The New Jersey Energy Survey. Michael, J.R. (1991). Westat Report.

Evaluation of HUD's rural Rental Rehabilitation Demonstration Program: A report of focus groups and individual interviews. Michael, J.R. (1990). Westat Report.

National survey of municipal solid waste landfills. Michael, J.R. (1988). Westat Report.

Development of a cost-effective mailing strategy. Houston, A. G. & Michael, J.R. (1982). DataProbe Report.

Development of cutoff scores for physical fitness testing for the Dallas Police Department. Michael, J.R. (1982). DataProbe Report.

Circuit pack replacements in heat stressed and non-heat stressed #1 ESS central offices. Michael, J.R. (1980). Bell Labs Technical Memorandum.

The stabilized probability plot with accompanying graphical goodness-of-fit test. Michael, J.R. (1979). Bell Labs Technical Memorandum.

Statistical considerations in the non-conformance plan for cable capacitance unbalance to ground. Michael, J.R. (1979). Bell Labs Technical Memorandum.

Statistical considerations in office communications systems pilot studies. Michael, J.R. (1979). Bell Labs Technical Memorandum.

Fundamentals of probability plotting with application to censored data. Michael, J.R. Bell Labs Technical Memorandum. (1979).

Presenting quality data on directory paper purchased by Western Electric. Michael, J.R. & Lesser, N. Bell Labs Technical Memorandum. (1978).

Data collection for the 400H KTU line circuit using the automatic remote test system. Michael, J.R. & Lesser, N. Bell Labs Technical Memorandum. (1978).

Improving the audit reports. Michael, J.R. (1978). Bell Labs Technical Memorandum.

Estimation of the percentage of Dimension PBX's with outgoing trunk queuing feature applied to two-way CO or FX trunks. Michael, J.R. (1977). Bell Labs Technical Memorandum.

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