

- **Workshop**, “Multivariate Techniques: Data Reduction” at the Center for Statistical Consultation and Research (CSCAR) at the University of Michigan, Ann Arbor, MI, May 3, 2007.

Multivariate Techniques Workshop Data Reduction

May 3, 2007
Instructor: Laura Klem

This and the companion workshop (Multivariate Techniques - Logistic Regression and Related Techniques) are designed to teach participants a) about the logical and statistical basis for a set of techniques and b) how to carry out analyses using statistical software SPSS. Each workshop includes a morning lecture and an afternoon lab session involving hands-on computer work. Participants may register for one or both days.

Multivariate Techniques: Data Reduction (Instructor: Laura Klem) introduces factor analysis, non-metric multidimensional scaling, cluster analysis, and assessment of scale reliability.

Instructor:

Laura Klem is a Senior Research Associate with CSCAR. Her CSCAR responsibilities include extensive consulting on multi-dimensional scaling, path analysis, structural equation models, factor analysis, and cluster analysis.

Audience:

Researchers in applied fields who may encounter data suitable for multivariate techniques.

Prerequisite:

Introductory statistics, experience with computers running Windows 95, 98, NT, or 2000.

Provisions:

Enrollees receive lecture notes, a bibliography, and example computer package commands and output. Morning refreshments provided. Break time for lunch (lunch not provided); many restaurants nearby.

