Paper 10-28

Categorical Data Analysis with Graphics

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Abstract

This advanced tutorial aims to give participants concrete, practical experience with some of the graphical methods and macro programs described in *Visualizing Categorical Data* (Friendly, 2000). These methods are designed to complement traditional numerical summaries and statistical models with visual displays, to expose patterns in your data, to help you interpret what a model means, and to aid in diagnosing model defects. A number of these methods are somewhat novel, and have been implemented in general SAS® macros to facilitate their use. The graphical methods to be covered include: (a) plots for discrete distributions, (b) visual displays for two-way tables, (c) mosaic plots for n- way tables and loglinear models, and (d) graphical methods for logit and logistic regression models.

Paper Availability

This paper will be available after the conference on the following web site:

www.math.yorku.ca\SCS\Papers\sugi28.pdf

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