

ADVANCED STATISTICAL ANALYSIS USING PASW STATISTICS

■ Duration: 3 days ■ Level: Advanced

Target Audience

Anyone who has worked with SPSS for Windows and wants to become better versed in the more advanced statistical capabilities of PASW Statistics. Anyone who has a solid understanding of statistics and wants to expand their knowledge of appropriate statistical procedures and how to set them up using PASW Statistics.

Prerequisites

On the job statistical experience or completion of the Introduction to Statistical Analysis using PASW Statistics and/or Intermediate level courses. Advanced statistical knowledge or at least a higher education level course in Statistics.

Overview

In this course you will consider in depth some of the more advanced statistical procedures that are available in PASW Statistics. You'll take a look at several advanced statistical techniques and discuss situations when each may be used, the assumptions made by each method, how to set up the analysis using SPSS and how to interpret the results.

Course Content

Following an overview of the main features of SPSS and an introduction to essential terminology, you will proceed logically through the following topics:

- Overview
- Discriminant analysis
- Binary logistic regression
- Multinomial logistic regression
- Survival analysis (kaplan-meier)
- MANOVA: multivariate analysis of variance
- Loglinear analysis
- Cluster analysis
- Factor analysis
- Repeated measures ANOVA

Products used: PASW Statistics Base, PASW Regression and PASW Advanced Statistics

