

Depth and flexibility for data and output management

Unleash the power of SPSS:

A book to help you

You know that successful analysis or a meaningful report often requires you to do more work for data management than what it takes to do the analysis or create the report. SPSS for Windows® contains powerful tools for accomplishing and automating these important data management tasks, and much of this capability is available through the interactive interface. But did you know that many of the most powerful data management features are available only through command syntax, the macro facility, and the scripting facility? How do you unleash this power?

SPSS Programming and Data Management: A Guide for SPSS and SAS® Users, the first book to document the wealth of functionality beneath the SPSS user interface, is now available through SPSS Inc. Written by Raynald Levesque, a frequent contributor to the SPSS user listserv who is known for his practical solutions to complex SPSS programming problems, it includes detailed examples of command syntax, the macro facility, scripting, and the new Output Management System (discussed in the next column). The accompanying CD-ROM includes the command files and data files used in the book. This book also contains a chapter for those of you who are familiar with SAS, demonstrating how you can perform many common data management tasks in both SAS and SPSS.

With knowledge gained from this book you will be able to adeptly use the many tools available with SPSS to import data from almost any source, clean it, transform it, merge it with other data, and get it into the shape required to produce reliable models and informative reports. *SPSS Programming in Data Management* covers topics for features added to SPSS through version 12.0. The table of contents follows:

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Create applications using customized SPSS output

Have you ever wanted to create SPSS programs or programs in other computer languages or applications using the output from SPSS procedures? With the Output Management System (OMS) in SPSS, you can. New in SPSS 12.0, the OMS provides you with the ability to automatically write selected categories of output to different output files in different formats, including:

- **SPSS (SAV) data files:** use output as input for subsequent commands when you write output, which SPSS would otherwise display in pivot tables through the Viewer, as an SPSS data file
- **XML, HTML, and text:** write tables and text output in any of these formats

With OMS, for example, you can save pivot table output to SPSS-format data files, and then use that output as input that SPSS can further process. To create a bootstrapping program, you might draw repeated random samples with replacement from a data file, calculate regression coefficients for each sample, save the coefficient values in a data file, and then calculate confidence intervals for the coefficients. OMS provides you with a myriad of possibilities for working with SPSS output. You can:

- Automatically generate selected output as HTML for viewing in a browser
- Process SPSS output XML using standard XSLT tools to extract information for use in other applications
- Eliminate selected types of automatically generated output, such as Notes tables from the Viewer, when not needed
- Generate a table of contents from XML using a supplied XSLT stylesheet and free XSLT tools from third parties

Want to know more about the powerful tools for managing your data and output? E-mail us at dataoutputmanagement@spss.com or visit www.spss.com/dataoutputmanagement. Do you like what you see? You can buy SPSS 12.0 and *SPSS Programming and Data Management* from the Web store at www.spss.com or call 1.800.525.2705.