

> Ensure the Stability of Your Models

PASW Bootstrapping helps you create more reliable models that generate the most accurate results for your important projects.

The models your organization creates drive important decisions. They may be used to shape public policy, to prevent the spread of disease, or to determine a multi-million dollar investment. It's important that your models are stable, so that they will produce accurate, reliable results. Bootstrapping is a useful technique for testing model stability, and PASW Bootstrapping makes it simple and easy to do.

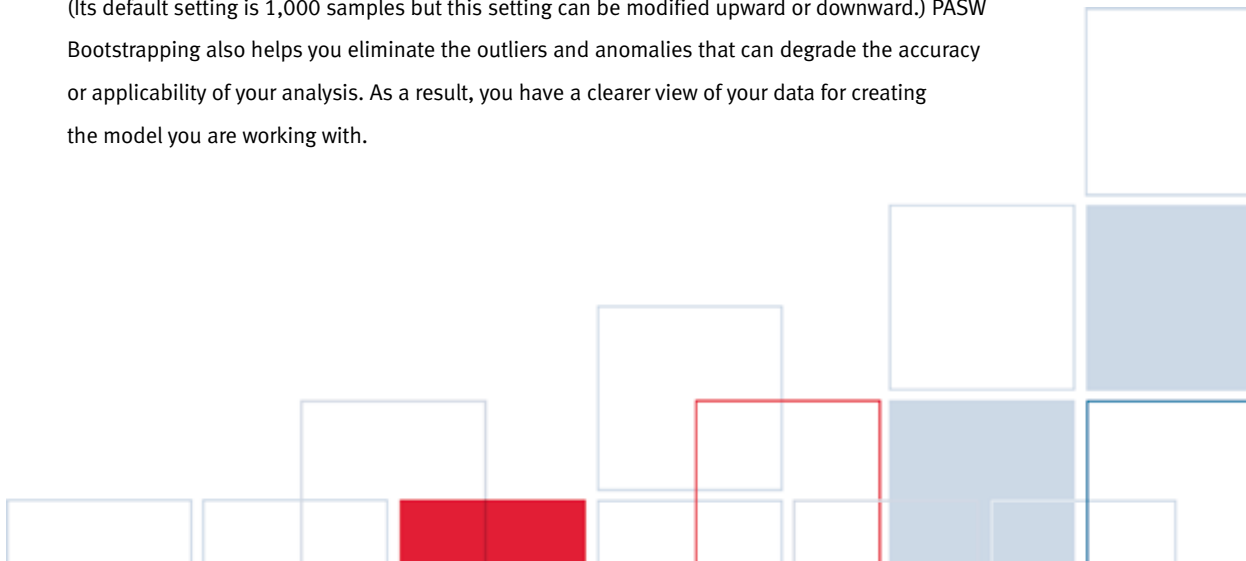
This new module of PASW Statistics provides an efficient way to ensure that your models are stable and reliable. It estimates the sampling distribution of an estimator by re-sampling with replacement from the original sample. With PASW Bootstrapping, you can reliably estimate the standard errors and confidence intervals of a population parameter like a mean, median, proportion, odds ratio, correlation coefficient, regression coefficient, and numerous others.

Reliable models for critical projects

When you require the most reliable model be created to predict an outcome or map a sample to a population, simply running the model once on the sample data may not be the best approach because results are dependent on your sample data. Resampling with replacement will provide you with more accurate estimates of the reliability of your data.

A more complete view of your data

Computing a statistic on a large number of alternate datasets helps you determine the variability of that statistic. Through re-sampling, PASW Bootstrapping can create thousands of alternate versions of your dataset, providing a more accurate view of what is likely to exist in the population. (Its default setting is 1,000 samples but this setting can be modified upward or downward.) PASW Bootstrapping also helps you eliminate the outliers and anomalies that can degrade the accuracy or applicability of your analysis. As a result, you have a clearer view of your data for creating the model you are working with.



PASW Bootstrapping provides the ability to bootstrap a number of analytical procedures found throughout the PASW Statistics product family, including:

Descriptive Procedures	Product
Descriptives	PASW Statistics Base
Frequencies	PASW Statistics Base
Examine	PASW Statistics Base
Means	PASW Statistics Base
Crosstabs	PASW Statistics Base
T-tests	PASW Statistics Base
Correlations/ Nonparametric Correlations	PASW Statistics Base
Partial Correlations	PASW Statistics Base

Modeling Procedures	Product
One-way	PASW Statistics Base
UniAnova	PASW Statistics Base
GLM	PASW Advanced Statistics
Regression	PASW Regression
Nominal Regression	PASW Regression
Discriminant	PASW Statistics Base
Logistic Regression	PASW Regression
Binary Multi-nomial Logistic Ordinal Regression	PASW Statistics Base
GENLIN	PASW Advanced Statistics
Linear Mixed Models	PASW Advanced Statistics
Cox Regression	PASW Advanced Statistics

* Stand-alone modules such as Amos™, SamplePower®, and PASW® Text Analytics for Surveys integrate with PASW Statistics modules through their own, separate interfaces.



To learn more, please visit www.spss.com.
For SPSS Inc. office locations and telephone numbers, go to www.spss.com/worldwide.

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PASW Bootstrapping is available for installation as client-only software but, for greater performance and scalability, a server-based version is also available.

New, flexible implementation options

Every module in the PASW Statistics family can now be installed and run independently or in conjunction with any other modules.* PASW Statistics Base is no longer a requirement, since capabilities such as data access and management and charting have been added to every module. This gives you greater flexibility in how you install and use this versatile software. PASW Statistics Base is still available and will continue to form the basis of many deployments, since it contains statistical tests and procedures that are fundamental to many analyses, and many of the statistics you may want to bootstrap.

Gain greater value with collaboration

To share and efficiently distribute analytical assets, protect them in ways that meet internal and external compliance requirements, and publish results so that a greater number of business users can view and interact with them, consider augmenting PASW Bootstrapping with PASW Collaboration and Deployment services (formerly SPSS Predictive Enterprise Services™). More information about these valuable capabilities can be found at www.spss.com/software/deployment/cds.

System requirements

Requirements vary according to platform. For details, see www.spss.com/statistics.