

The Best Statistics for Specific Applications

Statistical Procedure	Summarization	Descriptive	Variance Detection	Profiling	Scoring	Forecasting	Classification Segmentation	SPSS Product
ANOVA models	X	X	X	X				SPSS Base
AREG						X		SPSS Trends
ARIMA						X		SPSS Trends
Binary Logistic Regression					X		X	SPSS Regression Models
Bivariate (Correlate)	X	X						SPSS Base
CHAID	X	X		X	X		X	AnswerTree
Cluster							X	SPSS Base
Confirmatory Factor Analysis	X	X	X	X				Amos
Conjoint				X	X		X	SPSS Conjoint
Constrained Nonlinear Regression		X	X		X			SPSS Regression Models
Correspondence		X	X	X			X	SPSS Categories
Cox Regression	X	X	X					SPSS Advanced Models
Crosstabs	X	X		X			X	SPSS Base
Curvefit		X	X		X	X		SPSS Base
Descriptive (summarize)	X	X						SPSS Base
Descriptive Ratio Statistics		X						SPSS Base
DISCRIMINANT		X			X		X	SPSS Base
Explore (Summarize)	X	X						SPSS Base
EXSMOOTH						X		SPSS Trends
Factor Analysis	X	X	X					SPSS Base
Fit	X							SPSS Base
Frequencies	X	X	X					SPSS Base
GENLOG		X	X				X	SPSS Advanced Models
GLM	X	X	X	X	X			SPSS Advanced Models
HILOGLINEAR		X	X				X	SPSS Advanced Models
HOMALS		X	X	X			X	SPSS Categories
Kaplan-Meier	X	X						SPSS Advanced Models
Linear Mixed Models	X	X	X	X	X	X		SPSS Advanced Models
Linear Regression					X	X	X	SPSS Base
LOGLINEAR		X	X				X	SPSS Advanced Models
Means (Compare means)	X	X	X	X				SPSS Base
Modeling Statistics	X	X	X	X	X	X	X	SPSS Base
Multidimensional Scaling (ASCAL)	X	X		X			X	SPSS Base

Statistical Procedure	Summarization	Descriptive	Variance Detection	Profiling	Scoring	Fore-casting	Classification Segmentation	SPSS Product
Multinomial Logistic Regression					X		X	SPSS Regression Models
Multiple Response	X	X						SPSS Base
Nonparametric Tests	X	X	X					SPSS Base
Oneway ANOVA	X	X	X	X				SPSS Base
ORTHOPLAN			X					SPSS Conjoint
OVERALS		X	X	X			X	SPSS Categories
Partial (Correlate)	X	X						SPSS Base
Polytomous Universal Models(PLUM)							X	SPSS Advanced Models
PRINCALS		X	X	X			X	SPSS Categories
Probit					X		X	SPSS Regression Models
Proximities	X	X					X	SPSS Base
Quick Cluster				X			X	SPSS Base
Reliability	X	X						SPSS Regression Models
Report Summaries	X	X						SPSS Base
SEASON		X				X		SPSS Trends
SEM	X	X	X	X				Amos
Spectra	X	X	X				X	SPSS Base
Survival	X	X						SPSS Base
t-tests	X	X	X					SPSS Base
Two-Stage Least Squares						X		SPSS Regression Models
Unconstrained Nonlinear Regression		X	X		X			SPSS Regression Models
VARCOMP			X					SPSS Advanced