

IBM SPSS Statistics Traditional License Premium Package

The Premium package includes the following features:

Exact tests

- Cochran's Q test
- Contingency coefficient
- Cramer's V
- Fisher's exact test
- Somers' D—symmetric and asymmetric
- Friedman test
- Gamma
- Goodman and Kruskal tau
- Jonckheere-Terpstra test
- Kappa
- Kendall's coefficient of concordance
- Kendall's tau-b and tau-c
- Kruskal-Wallis test
- Likelihood ratio test
- Linear-by-linear association test
- Mann-Whitney U or Wilcoxon rank-sum W test
- Marginal homogeneity test
- McNemar test
- Median test
- Pearson Chi-square test
- Pearson's R
- Phi
- Sign test
- Spearman correlation
- Uncertainty coefficient—symmetric or asymmetric
- Wald-Wolfowitz runs test
- Wilcoxon signed-rank test

Complex samples (CS)

- CS Cox regression (also multithreaded)
- CS descriptives
- CS general linear models
- CS logistic regression
- CS ordinal regression
- CS selection
- CS tabulate
- Sampling wizard/Analysis Plan wizard

Neural networks

- Multilayer perception
- Radial basis function

Conjoint

- Estimate utilities (CONJOINT)
- For conjoint analysis (ORTHOPLAN)
- PLANCARDS

Direct marketing

- Cluster analysis
- Contact profiling
- Control package test
- Propensity to purchase
- RFM analysis—recency, frequency, monetary
- Zip code response

Bootstrapping

- Sampling and pooling
- Descriptive procedures that can be bootstrapped
 - Correlations/nonparametric correlations
 - Crosstabs
 - Descriptives
 - Examine
 - Frequencies
 - Means
 - Partial correlations
 - T tests

AMOS (Structural Equation Modeling)

- Bayesian estimation
- Confirmatory factor analysis
- Enter the model into a spreadsheet-like table (no programming)
- Estimation of categorical and censored data
- Latent class analysis
- Non-graphical method of modeling
- Structural equation modeling/path analysis
- Specify path diagram using syntax