

IBM SPSS Statistics Traditional License

Professional Package

The Professional package includes the following features:

Forecasting

- Auto regressive integrated moving average
- Autoregression
- Expert modeler exponential smoothing methods
- Forecast multiple series (outcomes) at once
- Temporal causal modeling
- Seasonal decomposition
- Spectral analysis

Data preparation

- Automated data preparation—enhanced model viewer for
- automated data preparation
- Validate data—streamline the process of validating data before analyzing it
- Anomaly detection—identify unusual cases in a multivariate setting
- Optimal binning

Categories

- Correspondence analysis (ANACOR)
- Principal components analysis for categorical data (CATPCA; replaces PRINCALS)
- Ridge regression, lasso, elastic net (CATREG)
- CORRESPONDENCE
- Nonlinear canonical correlation (OVERALS)
- Multidimensional scaling for individual differences scaling with constraints (PROXSCAL)
- Preference scaling (PREFSCAL; multidimensional unfolding)
- Multiple correspondence analysis

Missing values

- Data patterns table
- Imputation with means estimation or regression
- Listwise and pairwise statistics
- Missing patterns table
- Multiple imputation of missing data
- Pooling

Decision trees

- C&RT
- CHAID
- Exhaustive CHAID
- QUEST