SPSS:

1. Data editing: data window

2. Data editing: Variable view
3. Syntax (command) window

4. Output window
**SPSS - statistical procedures in SPSS 11.5 for Windows**

- ANACOR - correspondence analysis; SPSS Categories
- ANOVA models - simple factorial; SPSS Base
- AREG - estimates a regression model when the error from the regression is correlated between one time point and the next; SPSS Trends
- ARIMA - produces maximum likelihood estimates for seasonal and non-seasonal univariate models; SPSS Trends
- Binary Logistic Regression - regress a dichotomous dependent variable on a set of independent variables; SPSS Regression Models
- Bivariate (Correlate) - SPSS Base
- Confirmatory Factor Analysis - Amos
- Constrained Nonlinear Regression - SPSS Regression Models
- Cox Regression - proportional hazards with time-dependent covariates; SPSS Advanced Models
- Crosstabs (Descriptive Statistics) - SPSS Base
- CURVEFIT - SPSS Base
- Custom Tables - SPSS Tables
- Descriptives (Descriptive Statistics) - SPSS Base
- Discriminant - SPSS Base
- Explore (Descriptive Statistics) - SPSS Base
- EXSMOOTH - exponential smoothing methods to estimate up to four parameters for your choice of 12 available models; SPSS Trends
- Factor - SPSS Base
- Frequencies (Descriptive Statistics) - SPSS Base
- GENLOG - generalized liner models; SPSS Advanced Models
- GLM - general linear model; SPSS Advanced Models
- Hierarchical Linear Models - see Linear Mixed Models
- HILLOGENERAL - hierarchical loglinear models for multiway contingency tables; SPSS Advanced Models
- HOMALS - homogeneity analysis via alternating least squares, multiple correspondence analysis; SPSS Categories
- Inferential Statistics - SPSS Tables
- Kaplan-Meier - estimate the length of time to an event; SPSS Advanced Models
- Linear Mixed Models - build model for data that display correlation and non-constant variability, such as data that represent students nested within classrooms or consumers nested within families; SPSS Advanced Models
- Linear Regression - SPSS Base
- LOGLINEAR - general models of multiway contingency tables; SPSS Advanced Models
- Means (Compare means) - SPSS Base
- Mixed Level Models - see Linear Mixed Models
- Modeling Statistics - SPSS Base
- Multidimensional Scaling (ALSCAL) - SPSS Base
- Multinomial Logistic Regression - regresses a categorical dependent variable on a set of independent variables; SPSS Regression Models
- Multiple Response - SPSS Base
- Nonparametric Tests - SPSS Base
- OLAP Cubes (Reports) - SPSS Base
- One-way ANOVA (Compare means) - SPSS Base
- ORTHOPLAN - orthogonal main effects fractional plans for full-concept conjoint analysis; SPSS Conjoint
- OVERALS - nonlinear canonical correlation analysis on two or more sets of variables; SPSS Categories
- Partial (Correlate) - SPSS Base
- PLANCARDS - generate plan cards for experiments; SPSS Categories
- Polytomous Universal Models (PLUM) - model ordinal outcomes; SPSS Advanced Models
- Probit - dose response analysis and related models and LOGIT response models; SPSS Regression Models
- Proximities - SPSS Base
- PROXSCAL - proximities scaling; SPSS Categories
- Quick cluster - SPSS Base
- Random Effects Regression - see Linear Mixed Models
- Receiver Operating Characteristic (ROC) Analysis - SPSS Base
- Reliability - SPSS Base
- Report Summaries (Reports) - SPSS Base
- SEASON - estimates multiplicative or additive seasonal factors for periodic time series; SPSS Trends
- SEM - structural equation modeling; Amos
- SPECTRA - decomposes a time series into a harmonic component, a set of regular periodic functions at different wavelengths or periods; SPSS Trends
- Survival - analysis of life tables; SPSS Advanced Models
- t-tests (compare means) - SPSS Base
- Two-Stage Least Squares - SPSS Regression Models
- TwoStep Cluster - SPSS Base
- Unconstrained Nonlinear Regression - SPSS Regression Models
- VARCOMP - variance component estimation; SPSS Advanced Models
- Weighted Least Squares - SPSS Regression Models