

Binary Logistic Regression

The **BINARY LOGISTIC REGRESSION** is used to model the relationship between a binary response variable and one or more explanatory variables that may be continuous or categorical. Logistic regression measures the relationship between the categorical dependent variable and independent variables by estimating probabilities using a logistic function.

How To

- ✓ Run: **STATISTICS->REGRESSION -> BINARY LOGISTIC REGRESSION...**
- ✓ Select the binary **DEPENDENT (RESPONSE)** variable and **INDEPENDENT** variables (**PREDICTORS**).
- ✓ Optionally, change the **MAXIMUM ITERATIONS COUNT** to be performed in the regression optimization.
- ✓ Check the **SHOW ITERATIONS** option to display regression statistics for each iteration.