

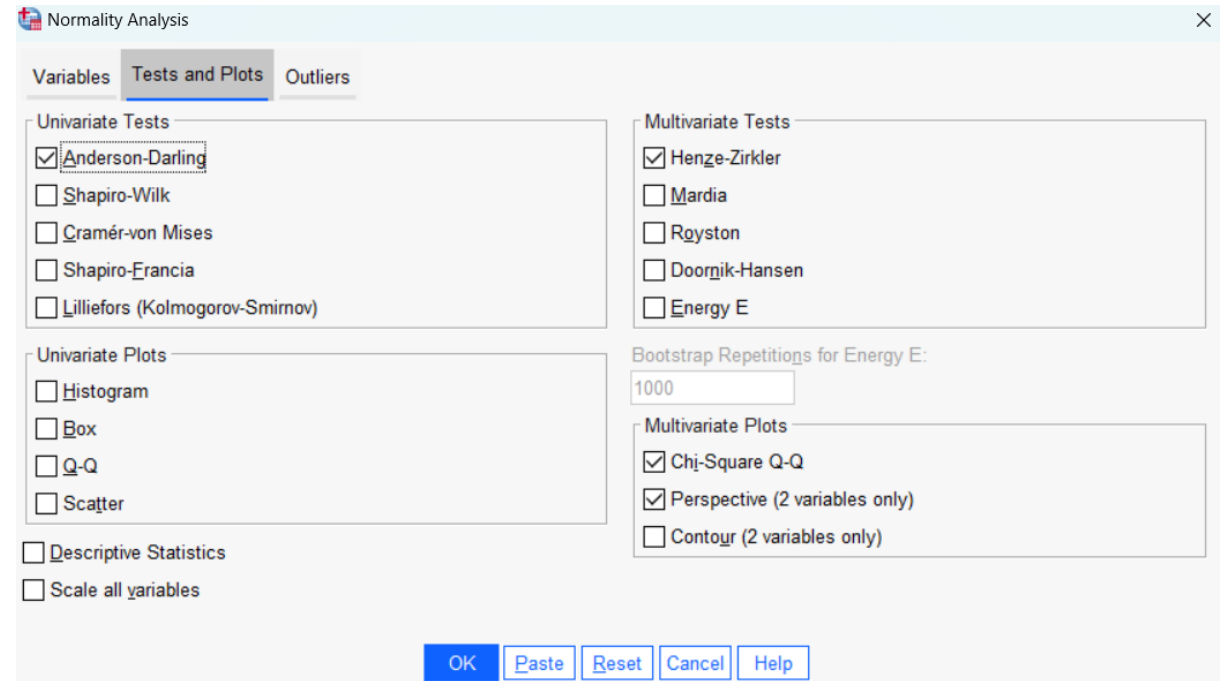


Tech Tips - Normality Analysis in IBM SPSS Statistics Version 30

Version 1 SPSS Team

Normality Analysis

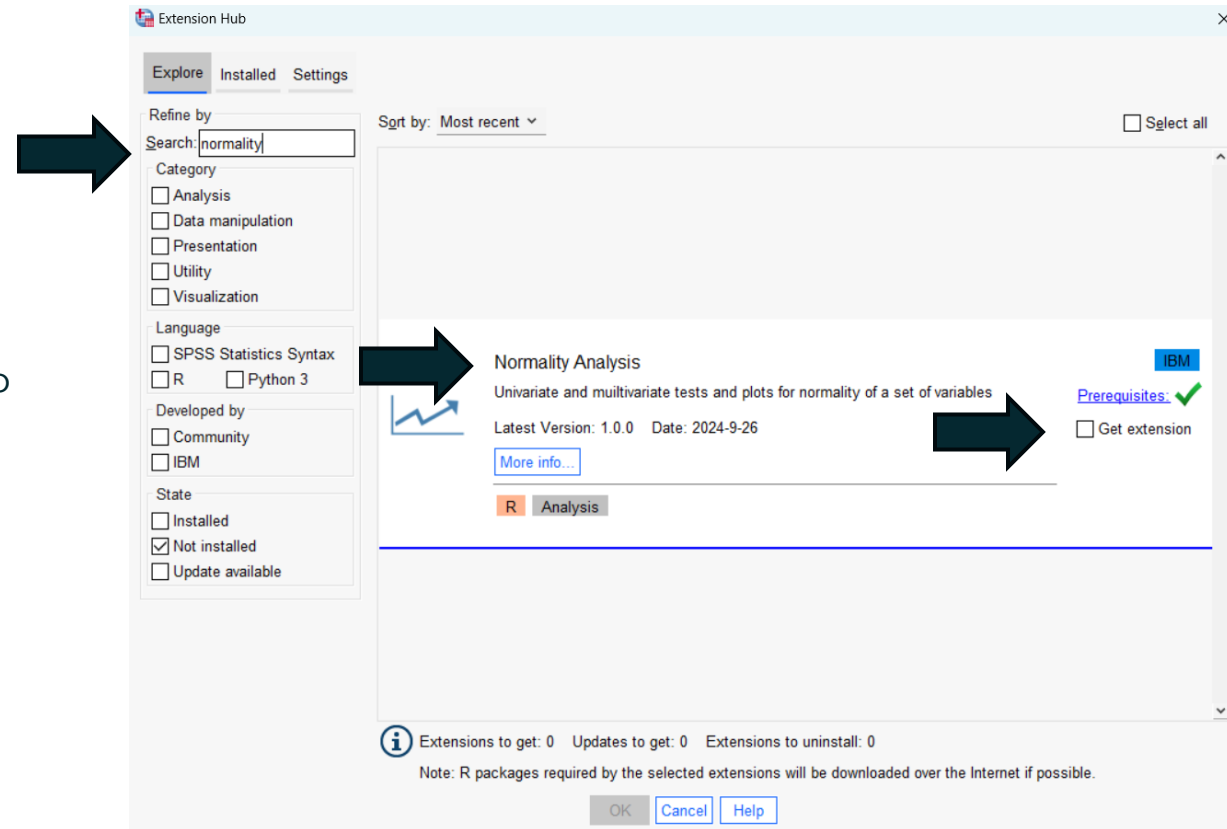
- New in **IBM SPSS Statistics Version 30**
- Provides Univariate and Multivariate tests of normality for of a set of variables (minimum 2 variables).
- Multiple test statistics with plots
- Outlier analysis also available
- Install from the **Extensions** menu



The screenshot shows the 'Normality Analysis' dialog box with the 'Tests and Plots' tab selected. The 'Univariate Tests' section includes 'Anderson-Darling' (checked), 'Shapiro-Wilk', 'Cramér-von Mises', 'Shapiro-Francia', and 'Lilliefors (Kolmogorov-Smirnov)'. The 'Multivariate Tests' section includes 'Henze-Zirkler' (checked), 'Mardia', 'Royston', 'Doornik-Hansen', and 'Energy E'. The 'Univariate Plots' section includes 'Histogram', 'Box', 'Q-Q', and 'Scatter'. The 'Multivariate Plots' section includes 'Chi-Square Q-Q' (checked), 'Perspective (2 variables only)' (checked), and 'Contour (2 variables only)'. The 'Bootstrap Repetitions for Energy E' is set to 1000. At the bottom, there are buttons for 'OK', 'Paste', 'Reset', 'Cancel', and 'Help'.

Before You Start

- Go to **Extensions** menu and select **Extension Hub**
- Search for 'Normality'
- This will pull up **Normality Analysis**
- Select '**Get Extension**'
- Accept license terms and the program will be installed
- You will receive a message in that lets you know where to find it



Dialog(s) for Normality Analysis extension installed to:

Analyze
Descriptive Statistics
Normality Analysis

Thank You

For more information
Please visit www.spssanalyticspartner.com