

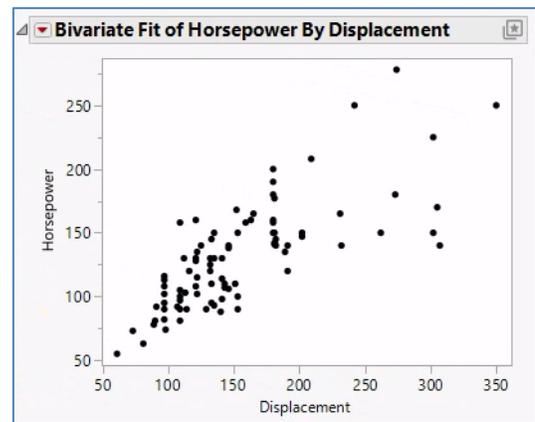
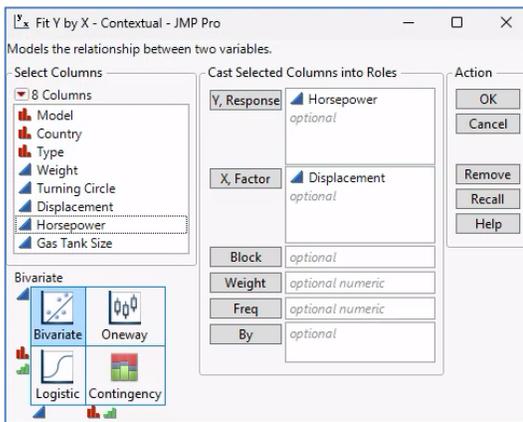
Scatterplots

Use to display the relationship between two continuous variables. Multiple scatterplots can be displayed together in a matrix plot.

Scatterplots – Two Variables

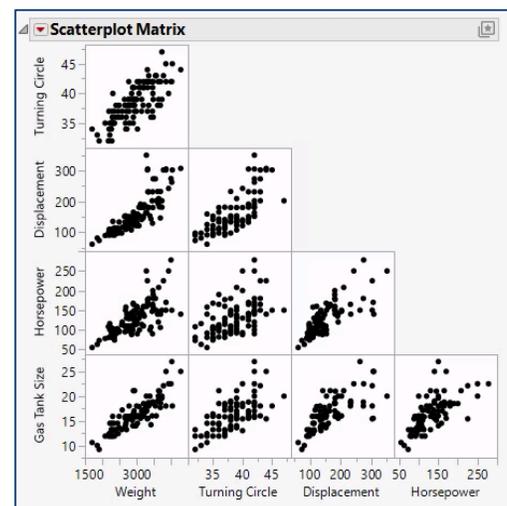
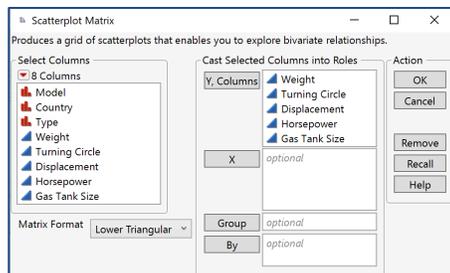
1. From an open JMP® data table, select **Analyze > Fit Y by X**.
2. Click on a continuous response (or dependent) variable in **Select Columns**, and Click **Y, Columns**.
3. Click on a continuous predictor (or independent) variable, and click **X, Factor**. Click **OK**
 - Initial output is a scatterplot. Further options are found under the **red triangle**.

Car Physical Data.jmp (under Help > Sample Data Folder)



Scatterplots – More than Two Variables

1. Select **Graph > Scatterplot Matrix**.
2. Select all continuous responses of interest, and click **Y, Columns**. Choose **Matrix Format**. Click **OK**.
 - Initial output is a display of all possible scatterplots. Further options are found under the **red triangle**.



Note: Scatterplots and scatterplot matrices can also be generated from **Analyze > Multivariate Methods > Multivariate** and from **Graph > Graph Builder**.

Visit **Discovery JMP > Visualize Your Data > Compare Multiple Variables**, **Basic Analysis > Bivariate Analyses**, **Essential Graphing > Scatterplot Matrix**, and **Multivariate Methods > Correlations and Multivariate Techniques** in **JMP Help** to learn more.