

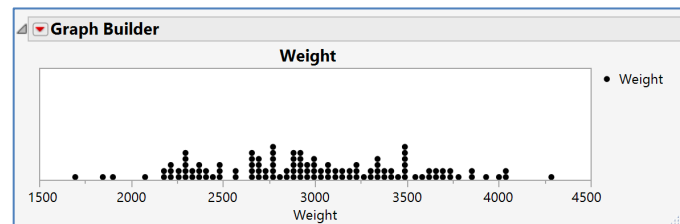
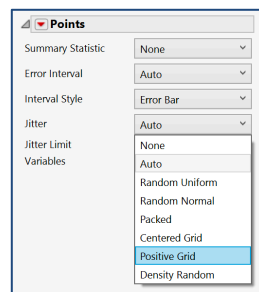
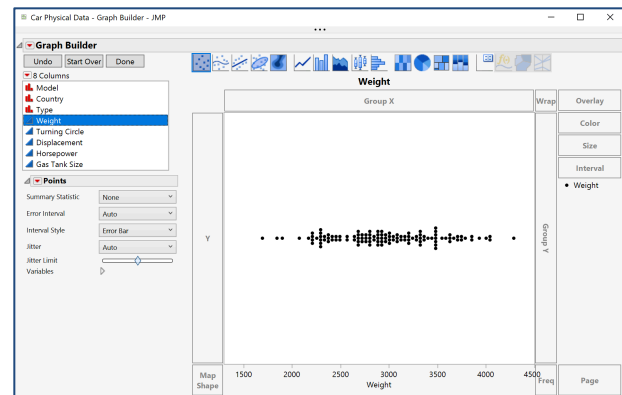
# Dot plots

Use to display the distribution of continuous variables. Dot plots allow you to assess the shape, center, and spread of the data. Dot plots are a very useful way for comparing data between groups.

## Dot plots – One Variable

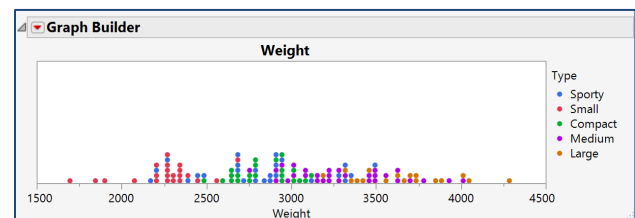
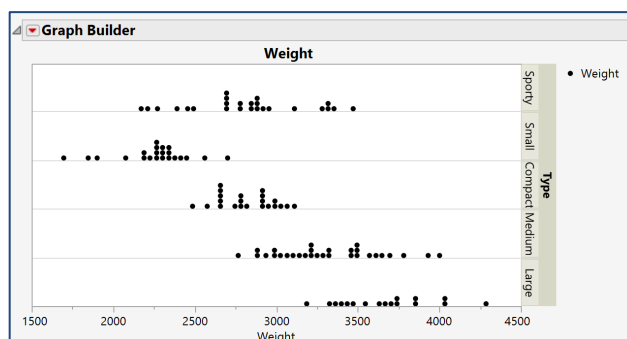
1. From an open JMP® data table, select **Graph > Graph Builder**.
2. Click, then drag and drop a continuous variable from **Select Columns** to the **X drop zone** on the bottom of the graph (or **Y drop zone** to display the dot plot on the vertical axis).
3. To change the method of jittering the points so the dot plot has a base on the bottom horizontal axis, select **positive grid** under the **jitter** dropdown.

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



## Dotplots – Adding a Categorical Variable

1. Additional categorical variables can be added to allow for comparison of the continuous variable between groups. Below are two graphs – one with the categorical variable Type placed in the **Group Y drop zone** and one with the variable Type placed in the **Color drop zone**.



Visit **Essential Graphing** in **JMP Help** to learn more.