

# Dot plots

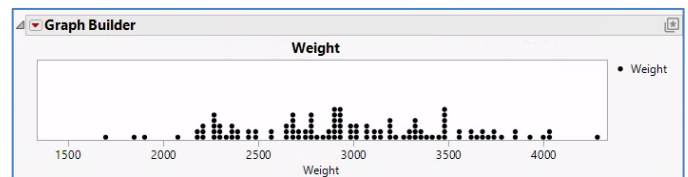
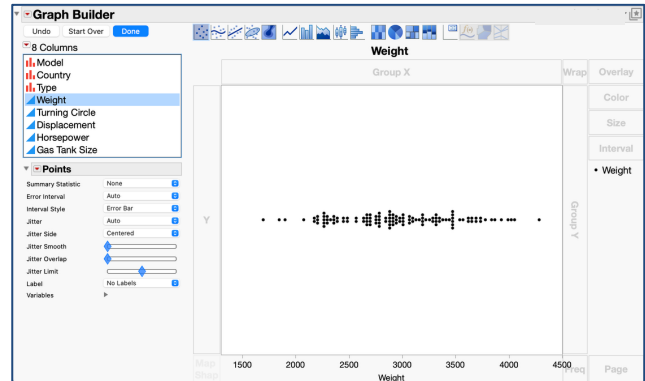
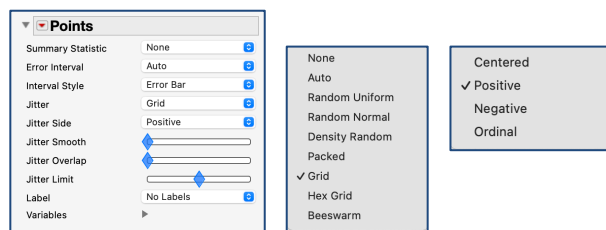
Use to display the distribution of continuous variables. Dot plots allow you to assess the shape, center, and spread of the data. Dot plots are a very useful way for comparing data between groups.

## Dot plots – One Variable

1. From an open JMP® data table, select **Graph > Graph Builder**.
2. Drag and drop a continuous variable from **Columns list** to the **X axis or Y axis zone**.
3. Change the method and direction of jittering the points is desired.

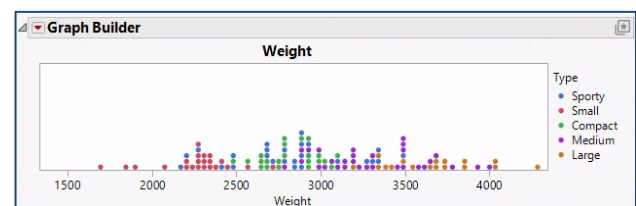
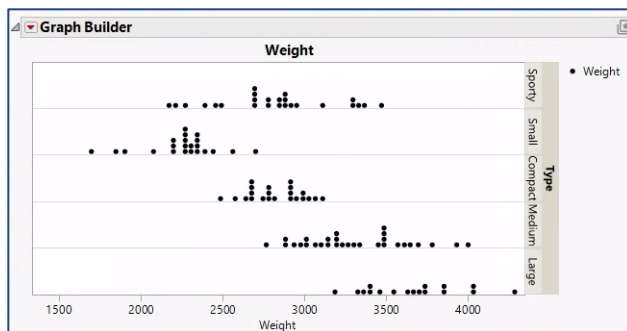
Car Physical Data.jmp (Help > Sample Data Folder)

The second graph is using the **Jitter > Grid** and **Jitter Side > Positive** options.



## Comparative Dot plots

- 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 zone** and one with the variable Type placed in the **Color zone**.



Visit **Essential Graphing** in **JMP Help** to learn more about methods to visualize data.