Dot plots

Use to display and describe the distribution of continuous (numeric) variables. Dot plots allow you to quickly assess the shape, centering and spread of data. For categorical (nominal or ordinal) variables, see the page Bar Charts and Frequency Distributions.

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.
4. Click Done.
   • The graph can be resized by dragging from the graph border.

Dotplots – Adding a Categorical Variable

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

Note: For more information, see the book Basic Analysis (under Help > Books).