Simple Error Bar Charts

**VERSION 1**

What is a Simple Error Bar Chart?

- We can compare averages of each group

- We can also see the confidence intervals and the precision of sample estimates.

Descriptives

Hours per day watching TV

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | |
					Lower Bound	Upper Bound
Married	1121	2.65	2.054	.061	2.53	2.77
Widowed	229	3.60	2.557	.169	3.27	3.94
Divorced	372	2.85	2.230	.116	2.63	3.08
Separated	69	3.42	2.804	.338	2.75	4.09
Never married	546	2.90	2.346	.100	2.71	3.10
Total	2337	2.86	2.247	.046	2.77	2.95
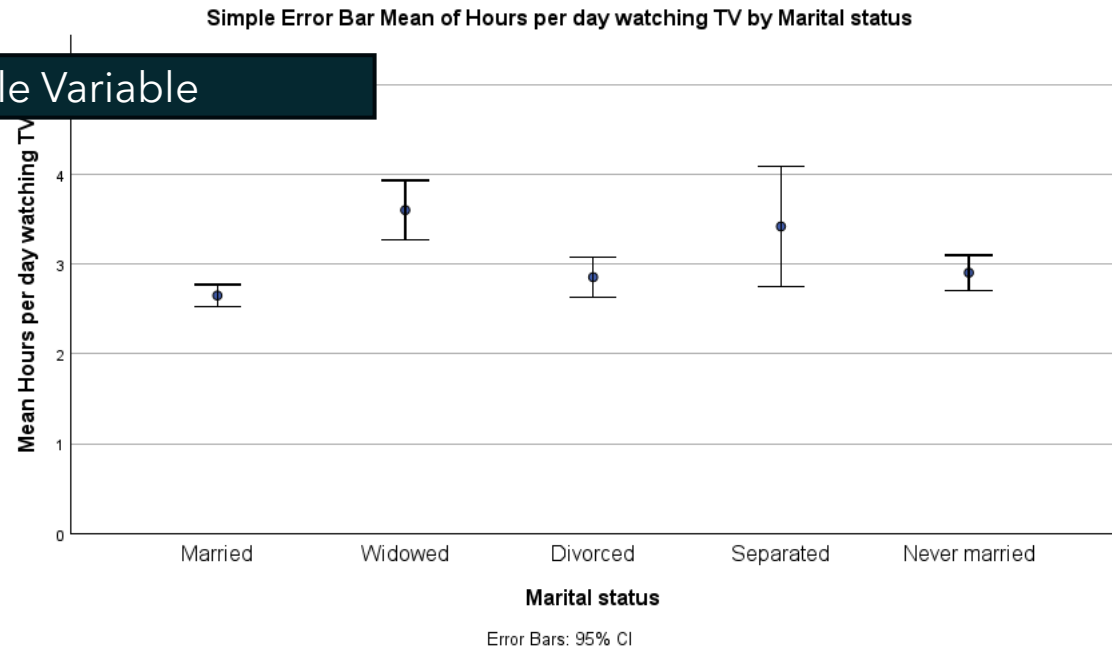
How Do I Create a Simple Error Bar Chart?

- It's easy to run a simple error bar chart in IBM SPSS Statistics.

- Users can go to **Graphs** > **Chart Builder**.

- Select **Bar** Charts. You can hover your cursor over each icon to obtain a description.

- Select chart type.

- Drag into the **Chart Preview** area.

- Drag variables onto the chart.

- Select **Statistic**.

- Adjust **Chart Appearance** and **Options**.

- Run the chart.

Thank You