

Simple Error Bar Charts

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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

.061

.169

.116

.338

.100

.046

2.71

2.77

3.10

2.95

Std. Deviation Std. Error

2.054

2.557

2.230

2.804

2.346

2.247



Simple Error Bar Mean of Hours per day watching TV by Marital status



Ν

1121

229

372

69

546

2337

Mean

2.65

3.60

2.85

3.42

2.90

2.86

Hours per day watching TV

Married

Widowed

Divorced

Total

Separated

Never married

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.

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marital A childe		X-Axis1 (Point1)
age	≥	
educ		Statistics
V nuheen 🔦		Variable: 🎺 Hours per day watching TV
Filter by:		Statistic:
		Mean
No categories (scale		Set Para <u>m</u> e
variable)	ਤੰ	Display error bars
		Error Bars Represent
	Married Widowed Divorced Separated Never married	Onfidence intervals
	Marital status	Level (%): 95
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Thank You