Charts

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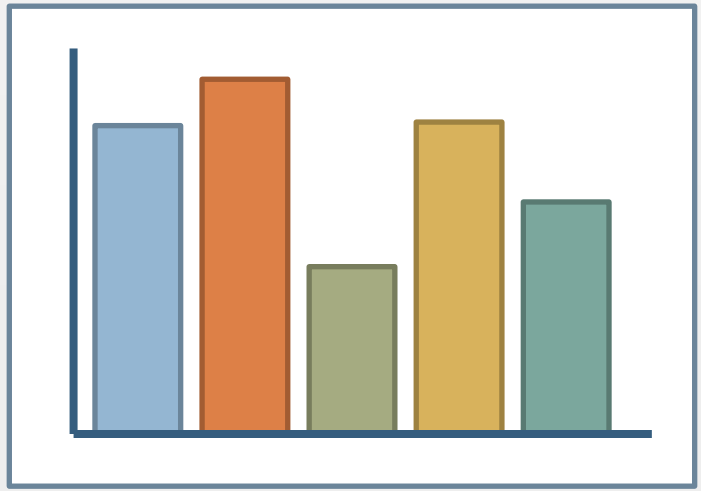
Bar Chart

Quantitative dependent variable

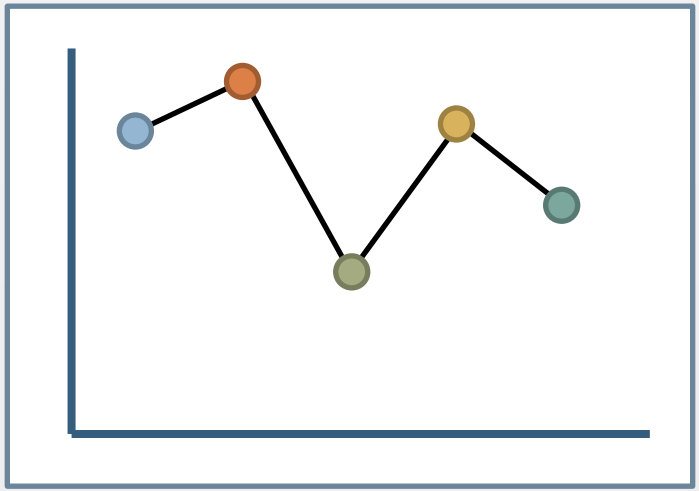


Discrete/nominal independent variable

Benefits from both position (top of bar) and length (size of bar)

Line Chart

Quantitative continuous dependent variable

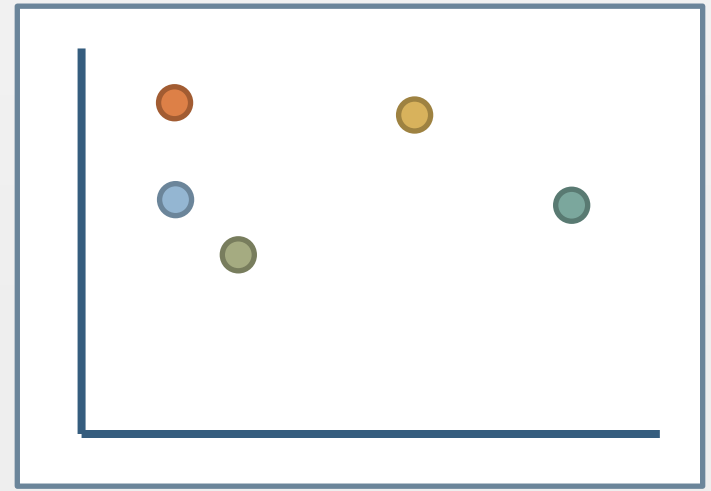


Benefits from position but not length

Quantitative continuous independent variable

the lines in between imply that there are values in between

Scatter Plot



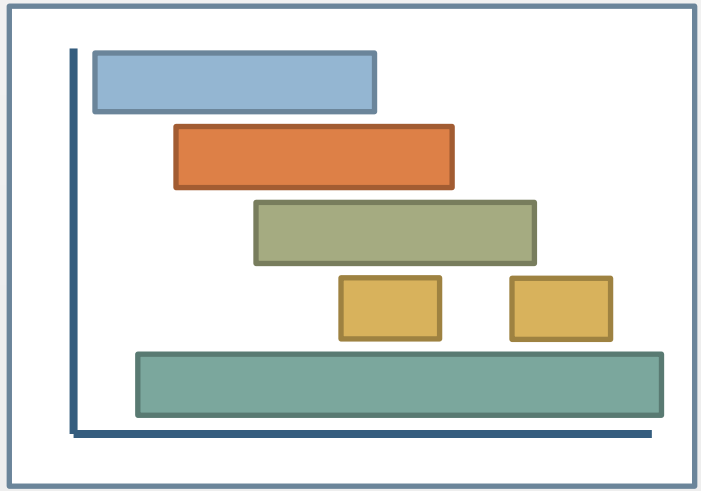
Quantitative independent variable

Quantitative independent variable

Relies mostly on position, but clusters also yield density

Gantt Chart

Discrete/nominal independent variable

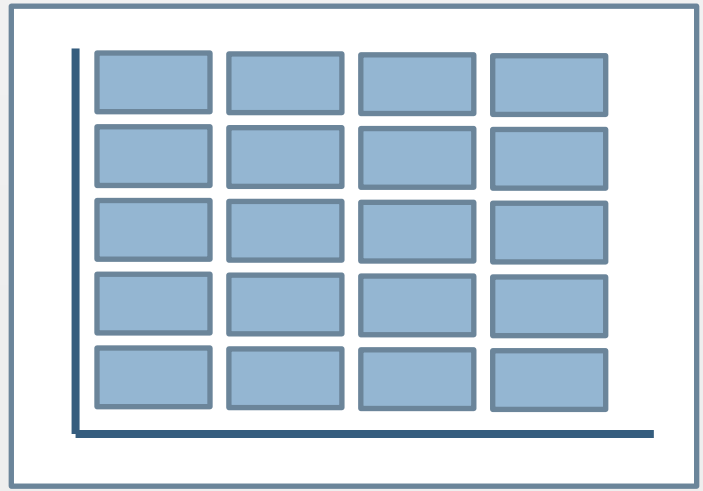


Benefits from both position and length

Quantitative independent variable

Table

Discrete/nominal independent variable



Discrete/nominal independent variable

Benefits from position only

(notice the lateral inhibition flashing?)

What to Use?

Dep.	Quantitative Continuous	Bar	Line
	Quantitative Discrete	Bar	Bar
Ind.	Quantitative Continuous	Gantt	Scatter
	Nominal or Q. Discrete	Table	Gantt
		Nominal or Q. Discrete	Quantitative Continuous
		Independent	