

Statistics Bootcamp 2021

Variable Categorization Exercise

Activity is on the next page!

NOIR

Qualitative	Nominal	Categories with no distinguishable order <i>e.g., hair color, U.S. state, race</i>
	Ordinal	Ordered categories <i>e.g., Frequency measures, Likert scales</i>
Quantitative	Interval	Numbers without a meaningful zero. The “interval” or distance between two numbers makes sense, but fractions do not <i>e.g., temperature (in F or C), SAT scores</i>
	Ratio	Continuous numbers with a meaningful zero. The interval between two numbers makes sense, as do fractions. <i>e.g., income in dollars, height in inches</i>

Discrete: limited range of possible values

Continuous: (theoretically) infinite range of possible values

Copy this into your own document so you can fill it out!

Variable	Quantitative/ Qualitative?	Discrete/ Continuous?	NOIR	How might Stata store this information (e.g. numeric, numeric with labels, or string)?
Number of email messages				
Cost of textbooks (in dollars)				
Monthly cellular bill (in dollars)				
Level of happiness				
Opinion about a woman's right to abortion (Likert scale of 1 to 7)				
Plan to vote (yes or no)				
Number of days per week that you use the library				
Calendar year				