

TABLE 1.3 A List of 20 Variables Showing How They Fit Into the Three Categories That Describe Them

Variables	Continuous vs. Discrete	Qualitative vs. Quantitative	Scale of Measurement
Sex (male, female)	Discrete	Qualitative	Nominal
Seasons (spring, summer, fall, winter)	Discrete	Qualitative	Nominal
Number of dreams recalled	Discrete	Quantitative	Ratio
Number of errors	Discrete	Quantitative	Ratio
Duration of drug abuse (in years)	Continuous	Quantitative	Ratio
Ranking of favorite foods	Discrete	Quantitative	Ordinal
Ratings of satisfaction (1 to 7)	Discrete	Quantitative	Interval
Body type (slim, average, heavy)	Discrete	Qualitative	Nominal
Score (from 0% to 100%) on an exam	Continuous	Quantitative	Ratio
Number of students in your class	Discrete	Quantitative	Ratio
Temperature (degrees Fahrenheit)	Continuous	Quantitative	Interval
Time (in seconds) to memorize a list	Continuous	Quantitative	Ratio
The size of a reward (in grams)	Continuous	Quantitative	Ratio
Position standing in line	Discrete	Quantitative	Ordinal
Political affiliation (Republican, Democrat)	Discrete	Qualitative	Nominal
Type of distraction (auditory, visual)	Discrete	Qualitative	Nominal
A letter grade (A, B, C, D, F)	Discrete	Qualitative	Ordinal
Weight (in pounds) of an infant	Continuous	Quantitative	Ratio
A college student's SAT score	Discrete	Quantitative	Interval
Number of lever presses per minute	Discrete	Quantitative	Ratio