

STATISTICS

ASSIGNMENT-1

EXERCISE 1. At what level are each of the following variables operationalized?
Numerical (*Continuous/Discrete*) or Categorical

	Variable Name	Value Labels	Data Type
1	Age	1, 2, 3,	<i>Continuous</i>
2	Sex	male, female, other	Nominal
3	Class standing	freshman, sophomore, junior, senior	Ordinal
4	Marital Status	married, single, divorced, widowed	Nominal
5	Median Household Income	annual household income in dollars	Continuos
6	How much you like the food on campus?	a lot, some, a little, other	Ordinal
7	The number of toxic waste sites in your community	0, 1, 2, 3,	Discrete
8	The number of toxic waste sites in your community	0, 1–5, 6–10, 11+	Ordinal???
9	Your GPA	below average, average, above average	Ordinal

EXERCISE 2. Go to the National Opinion Research Center's 2008 General Social Survey Codebook at <http://sda.berkeley.edu/D3/GSS08/Doc/gss08.htm> (Alphabetical Variable List). What is the level of measurement (nominal, ordinal, interval, or ratio) for the following variables?

Variable Name	Level of Measurement	Variable Name	Level of Measurement
ABLEGAL	<i>Ordinal</i>	MUSICALS	Ordinal
ACTLIT	Nominal	NATBORN	Nominal
ADULTS	Interval	NUMKIDS	Interval
AGE	Interval	PAINCURE	Ordinal
BIBLE	Nominal	POLVIEWS	Ordinal
BLKZONE	Ordinal	RACE	Nominal
CARSGEN	Ordinal	SEX	Nominal
CONROCK	Ordinal	TRUST	Nominal