SOC 301 - Social Statistics Name: _____
Sampling Matching April 4, 2017

Match the term with its correct definition.

A. bias

B. sampling

C. sample

D. generalizability

E. parameter

F. statistic

G. population

H. representative sample

1. The _____is the (usually) large pool of observations (instances of observational units) that we are interested in.
2. A _____is a smaller collection of observations (instances of observational units) that is selected from the larger pool.
3. _____refers to the process of selecting observations from a population. There are both random and non-random ways this can be done.
4. A sample is said be a _____if the characteristics of observational units selected are a good approximation of the characteristics from the original population.
5. _____corresponds to a favoring of one group in a population over another group.
6. _____refers to the largest group in which it makes sense to make inferences about from the sample collected. This is directly related to how the sample was selected.
7. A _____is a calculation based on one or more variables measured in the population. Parameters are almost always denoted symbolically using Greek letters such as μ, π, σ, ρ, and β.
8. A _____is a calculated based on one or more variables measured in the sample. Parameters are usually denoted by lower case Arabic letters with other symbols added sometimes. These include $\bar{x}$, $\hat{p}$, s, r, and b.