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| I have survey.  Who has a sample in which every possible group of size *n* is equally likely. | I have a simple random sample (SRS).  Who has a model of random events. |
| I have simulation.  Who has the entire group of individuals about whom we hope to learn? | I have population.  Who has a representative subset of a population? |
| I have a sample.  Who has a systematic failure of a sample to represent its population? | I have bias.  Who has bias produced from having volunteers who choose to be in the sample? |
| I have voluntary response bias.  Who has bias introduced to a sample when a large percent of those surveyed fail to respond? | I have nonresponse bias.  Who has the result from a sampling method that leaves out some part of the population? |
| I have undercoverage.  Who has bias in a survey design that influences responses? | I have response bias.  Who has a sample that includes the entire population? |
| I have a census.  Who has a number that measures a characteristic of a population? | I have a population parameter.  Who has a value that is calculated for a sample? |
| I have a sample statistic.  Who has the list of individuals or subjects from whom a sample is taken? | I have the sampling frame.  Who has a sample where the population is first divided into homogeneous groups, then samples are drawn from each group? |
| I have a stratified sample.  Who has a sampling design where heterogenous groups are chosen at random? | I have cluster sampling.  Who has a sample where, say, every fifth individual is chosen? |
| I have a systematic sample.  Who has a sampling design where several sampling methods are combined? | I have a multistage sample.  Who has a sample that chooses subjects who are easiest to obtain? |
| I have a convenience sample.  Who has the naturally occurring variability found in samples? | I have sampling variability.  Who has a study where no treatments have been assigned to subjects? |

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| I have an observational study.  Who has a study where treatments are randomly assigned to subjects? | I have an experiment.  Who has a variable in an experiment whose levels are controlled by the experimenter? |
| I have a factor.  Who has the individuals on whom an experiment is performed? | I have experimental units.  Who has the values that the experimenter used for a factor? |
| I have levels.  Who has the different levels of a single factor in an experiment? | I have treatments.  Who has the four principles of experimental design? |
| I have control, randomization, replication, and blocking.  Who has the group of subjects used for a baseline treatment level? | I have the control group.  Who has the condition where the subject does not know the treatment they have received? |
| I have blinding.  Who has a treatment that is known to have no effect? | I have a placebo.  Who has the tendency of human subjects to react to a placebo? |
| I have the placebo effect.  Who has the condition when the levels of one factor are associated with the levels of another factor? | I have confounding.  Who has a design where all experimental units have an equal chance of receiving any treatment? |
| I have a completely randomized design.  Who has questions posed to a sample of a population? |  |
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