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Chapter 1: Statistics

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| **Across**  **4.** A numerical description of a population characteristic  **8.** A process of randomly assigning subjects to different treatment groups.  **10.** A technique where the subject does not know whether he or she is receiving a treatment or a placebo  **11.** A count or measure of an entire population.  **13.** A numerical description of a sample characteristic  **15.** The science of collecting, organizing, analyzing, and interpreting data in order to make decisions  **16.** Divide the population into groups and select the members in one or more groups  **18.** Consist of numerical measurements or counts  **19.** The repetition of an experiment using a large group of subjects. | **Down**  **1.** The collection of all outcomes, responses, measurements, or counts that are of interest  **2.** Occurs when an experiment cannot tell the difference between the effects of the different factors on a variable.  **3.** The branch of statistics that involves the organization, summmarization, and display of data  **5.** Each member of the population is assigned a number  **6.** Consists of attributes, labels, or nonnumerical entries  **7.** Convenience Sample  **9.** Depending on the focus of the study, members of the population are divided into two or more subsets  **12.** Consists of information coming from observations, counts, measurements, or responses.  **14.** A subset of a population  **17.** On in which every member of he population has an equal chance of being selected. |