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Chapter 1 Vocabulary

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| **Across****3.** Data that can be separated into different categories and can be recognized by non-numeric qualities **4.** Measurements with infinitely many possible values (decimals, negatives, etc)**5.** Group of subjects that are similar, but different in ways which might effect the outcome**8.** We apply a treatment and observe its effect**16.** Data consisting of names, labels, or categories**18.** Not able to distinguish effects, confusing **19.** Like 10, but with a natural 0 starting point**20.** Measurements with no decimals**21.** Population is divided into 2 different subgroups so that subjects in the same subgroups share characteristics**23.** Difference between a sample result and the true population result**25.** Data collected in the future from groups sharing common factors**26.** Every possible sample of the same size n has the same chance of being chosen**27.** Study in which we observe and measure specific characteristics, but don't change anything**28.** Select some starting point and do every kth element of population i.e. every 5th | **Down****1.** Data collected from the past**2.** Repetition of experiment on a sufficiently large group of subjects **6.** Sample data is incorrectly collected**7.** Data observed, measured, and collected at ONE point in time**9.** Numbers representing counts/measurements. \*Important to use appropriate unit of measurement\***10.** Different methods for planning studies and experiments, collecting data, and organizing, summarizing, presenting, analyzing, interpreting, and coming to conclusions based on data**11.** Results that are easy to get**12.** Complete collection of all subjects to be studied. It is complete in that it includes all elements**13.** Numerical measurement describing a characteristic of a population**14.** Random sample selected from population, each individual has an equal chance of being chosen**15.** Population divided into sections, sections randomly selected and all members from the chosen section selected**17.** Subject doesn't know whether they are receiving the treatment or a placebo **22.** Data that can be arranged in some order, differences between values cannot be calculated or are meaningless**24.** Like 9, but differences between data is meaningful. No natural 0 starting point |