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Quantitive Reasoning Vocabulary

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| **Across**  **1.** The variable of which the researcher is asking a question  **3.** If you don't reply, or return a survey  **8.** A variable whose values are quantities  **9.** Factors that give an alternate explanations for effects  **11.** Who your selecting in your sample  **13.** An entire collection of individuals of interst  **14.** The values of the explanatory variables  **18.** A relationship between events, where one is the results of the other  **19.** Not an experiment so conclusions about cause and effect can not be made  **20.** When we use a sample instead of the entire population to make an estimate of a population  **22.** Occurs when some flaw in the design results in a tendency for measurements to be too high or too low  **24.** Categorical groups of individuals in a study that may react differently to treatment  **25.** A substance that has no therapeutic effect  **26.** Gives averages that vary more  **27.** Creating treatment and control groups that are similar as possible  **28.** A variable whose values are non-quantities | **Down**  **2.** Neither the patients nor those who interact with them know who is receiving a placebo  **4.** Observations that change among sample members  **5.** Patients do not know that they are receiving a placebo  **6.** Gives a smaller error on average  **7.** All population members have the same chance of being selected for a sample  **10.** Error from other sources. Bias is an example.  **12.** Denoting a test, in which information that may influence the behavior of the tester is withheld  **15.** A summary value of a sample  **16.** A summary value from an entire population  **17.** The tendency of a person to answer questions on a survey untruthfully  **21.** Dividing people into group and applying treatments to each group  **23.** A subset of a population |