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Psych 1010 Ch 2:Research Methods in Psychology

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| **Across**  **2.** (2 words seperated by a space)A measure of the strength of the relationship between two variables or the extent of an experimental effect  **3.** (2 words) A statistical measure of how much the scores in a sample vary around the mean  **7.** A study design in which a psychologist or therapist observes one person over a long period of time  **9.** The score that separates the lower half of the scores from the upper half  **12.** In an experiment, the outcome or response to an experimental manipulation  **16.** The most commonly occurring score or value  **18.** A study which does not show causation, but does measure 2 or more variables and their relationship with one another  **20.** An explanation of the purposes of the study following data collection  **21.** A variable that is manipulated by an experimenter under controlled conditions to determine whether it is caused by the predicted outcome of an experiment | **Down**  **1.** A variable whose influence cannot be separated from the independent variable being manipulated  **4.** A research sample that accuratel reflects the population of people one is studying  **5.** A research technique for combining all research results on one question and drawing a conclusion  **6.** A substance or treatment that appears identical to the actual treatment but lacks the active substance  **8.** A study ub which neither the participants nor the researchers administering the treatment know who has been assigned to the experimental or control group  **10.** The arithmetic average of a series of numbers  **11.** A plotted curve that shows a normal distribution of scores  **13.** A statistic that compares two means to see whether they could come from the same population  **14.** The method used to assign participants to different research conditions so that all participants have the same chance of being in any specific group  **15.** An observational study in which the researcher unobtrusively observes and records behavior in the real world  **17.** A characteristic that changes between individuals, such as gender, age, intelligence, weight)  **19.** A group of research participants who are treated exactly the same way as the experimental group, except that they do not receive the independent variable or treatment. |