

QUIZ 29

You have a **continuous dependent variable**. What statistical tests are available to you?

You have a **categorical dependent variable**. What statistical tests are available to you?

You want to predict an outcome or test the effects of predictors on an outcome. What statistical tests are available to you?

You want to see if two variables are related. What statistical tests are available to you?

You're want to test which type of boots last the longest in two different work settings: outdoor construction and indoor factory jobs. People in each job wear all three different sets of boots until they wear out. What statistical test is most appropriate to decide which boot is best?

Lots of military personnel have experienced dangerous combat experience. What study type would you perform to characterize cognitive and emotional stress?

“Does increasing gas price reduce the daily driving distance?” What statistic would best answer this question?

You want to know the effect of carbohydrate consumption (how many grams are consumed per day) on whether someone receives a diagnosis of Type 2 diabetes. What statistic is best to answer this question?

Almond Joy or Mounds: which candy bar earns more (dependent variable: \$) on an average year. What statistic will tell you this? Now add Cadbury Eggs, so now there are three different foods being compared. What statistic do you use in this case?