

A.P. Statistics
Assignment 2.1

Create three sets of bivariate variables for which you believe a relationship might exist.

For each situation:

Identify the explanatory variable

Identify the response variable

Describe the suspected relationship

An example:

Explanatory variable: Parents socioeconomic status

Response variable: SAT score

Explanation: I believe that if we obtained data on these variables, we might find that students of wealthier parents tend to have higher SAT scores. This may be because their parents are more educated, have more books around the house, or a variety of other reasons.

Situation #1:

Explanatory variable:

Response variable:

Explanation:

Situation #2:

Explanatory variable:

Response variable:

Explanation:

Situation #3:

Explanatory variable:

Response variable:

Explanation: