



고1_2011[기출문제] 27

다음 빈칸에 들어갈 말로 가장 적절한 것은?1 [20년 11월 37번]

Even though two variables seem to be related, there may not be a causal relationship. In fact, the two variables may merely seem to be associated with each other due to the effect of some third variable. Sociologists call such misleading relationships spurious. A classic example is the apparent association between children's shoe size and reading ability. It seems that as shoe size increases, reading ability improves. Does this mean that the size of one's feet (independent variable) causes an improvement in reading skills (dependent variable)? Certainly not. This false relationship is caused by a third factor, age, that is related to shoe size as well as reading ability. Hence, when researchers attempt to make causal claims about the relationship between an independent and a dependent variable, they must _____.

- ① control the variables that can make a real relationship
- ② distinguish independent variables from dependent variables
- ③ find out what makes their differences in their relationship
- ④ rule out variables that may be creating a false relationship
- ⑤ make a decision about which is meaningful to their research



정답

1 ④