

## Correlation versus Causation - Quiz

### Question 1

0.0/1.0 point (graded)

True or false: Controlling for all kinds of related variables or factors allows us to better isolate the relationship that we are interested in.

☒ True ✓

☐ False

#### Explanation

True. If we are able to control for a wide range relevant variables, this should allow us to better isolate the relationship of interest. However the difficulty is to be sure we have controlled for all the relevant variables.

提交

你已经尝试了0次（总共可以尝试1次）

**i** Answers are displayed within the problem

### Question 2

0.0/1.0 point (graded)

True or false: by hunting for correlations in the data, one can often find entirely spurious patterns.

☒ True ✓

☐ False

#### Explanation

True. When running many regressions in a data set, there is the risk of “overfitting”: finding patterns by random chance in a particular data set that would not be found elsewhere because they are not real. We will see later in the course how this can be avoided, with a model (the position traditional econometrics take) or with statistical techniques (the position of Machine Learning)

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## 讨论

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