1.

1 point

Potential problems with testing lots of hypotheses until a significant one is found include (check all that apply):

- [ ] There are no potential problems in this setting
- [x] Declaring effects that are not significant as significant by chance
- [x] Misrepresenting the strength of the findings

2.

1 point

Comparing your effects to familiar ones is useful for

- (●) Mentally calibrating the size of an effect or its significance when a variable under study is not well understood
- ( ) Performing two tests for the price of one

3.

1 point

Negative control analyses are useful _____. Check all that apply.

- [x] as a validity check of an effect of interest by looking to see if similar effects occur with the same analysis on variables where an effect is known not to be present
- [x] for evaluating processes to see if spurious effects are obtained

4.

1 point

A good negative control analysis will

- (●) have a negative control that is known not to have an effect but is otherwise similar to the variable under study
- ( ) will be very different from the variable under study in every respect

[x] I, **Marin Sarbulescu**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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