Friday, April 12, 2019

Warm-up

For many years, the medically accepted practice of giving aid to a person experiencing a heart attack was to have the person who placed the emergency call administer chest compression (CC) plus standard mouth-to-mouth resuscitation (MMR) to the heart attack patient until the emergency response team arrived. However, some researchers believed that CC alone would be a more effective approach.

In the 1990s a study was conducted in Seattle in which 518 cases were randomly assigned to treatments: 278 to CC plus standard MMR and 240 to CC alone. A total of 64 patients survived the heart attack: 29 in the group receiving CC plus standard MMR, and 35 in the group receiving CC alone. A test of significance was conducted

on the following hypotheses.

 H_0 : The survival rates for the two treatments are equal.

H_a: The treatment that uses CC alone produces a higher survival rate.

_____ conditional This test resulted in a p-value of 0.0761. probably

(a) Interpret what this p-value measures in the context of this study.

Oven that the survival rates for the two treatments are equal, there is a 0 0761 probability that we got results as or more extrue than we did

• Talk about Tests...

Objectives:

Content: I will reflect on and correct my thinking from the test. **Social**: I will be positive and help others think through their errors. **Language**: I will clearly write about my strengths and weaknesses.

Warm-up+

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This test resulted in a p-value of 0.0761.

- (a) Interpret what this p-value measures in the context of this study.
- (b) Based on this *p*-value and study design, what conclusion should be drawn in the context of this study? Use a significance level of $\alpha = 0.05$.
- (c) Based on your conclusion in part (b), which type of error, Type I or Type II, could have been made? What is one potential consequence of this error?

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Test Reflections

On your own paper, set up a table like:

correct
(at least)
2 MC and your
Lowest FR Use the chart below to complete your test corrections and reflection. The following choices can be used as your reflection. You can pick more than one if needed.

- I read the guestion incorrectly.
- I misread the answer I selected.
- 3. I did not read all the available choices. (for multiple choice questions only)
- I did not study this particular topic enough.
- I need to put more detail into my answer.
- I need to write my answer in a complete sentence.
- I did not understand what the question was asking.
- Other... (If you choose this selection, you must include a detailed written response explaining why you answered the question incorrectly.)

Problem Number (multiple part questions each need their own space)	Question/Answer Rewrite the problem you answered incorrectly with the CORRECT ANSWER.	Student Reflection Think about why you answered the question incorrectly. Select a reflection choice that identifies why you got the problem wrong.
	Content: I will	Objective reflect on and correct my thinking from the te

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