Monday, March 4, 2019

- Warm-up
 - An Associated Press article on potential violent behavior reported the results of a survey of 750 workers who were employed full time. Of those surveyed, 125 indicated that they were so angered by a coworker during the past year that they felt like hitting the coworker (but didn't). Assuming that is it reasonable to regard this sample as representative of the population of full-time workers, use this information to construct and interpret a 90% confidence interval estimate of *p*, the proportion of all full-time workers so angered in the last year that they wanted to hit a coworker?

- Check Homework
- Discussion of Errors
- Review for Test



Objectives

- Content Objective: I will review content so that I am successful on the unit test.
- Social Objective: I will participate in class discussions without distracting others.
- Language Objective: I will write clear notes to study from so I am successful on the test.

Warm-up

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coworker?
representative sample - stated
750 < 10% of all unlars
125 (np) ≥10 > sample
625 (ng) ≥10 > Size
1 proportion z - interval

0.166 ± 0.022 I am

(0.144,0.188) 90% confidet

(b.6% ± 2.2%.

Extend warm-up

An Associated Press article on potential violent behavior reported the results of a survey of 750 workers who were employed full time. Of those surveyed, 125 indicated that they were so angered by a coworker during the past year that they felt like hitting the coworker (but didn't). Assuming that is it reasonable to regard this sample as representative of the population of full-time workers, use this information to test if this study shows that this study conflicts the other studies that show that 42% of employee time is spent engaging in or trying to resolve conflict.

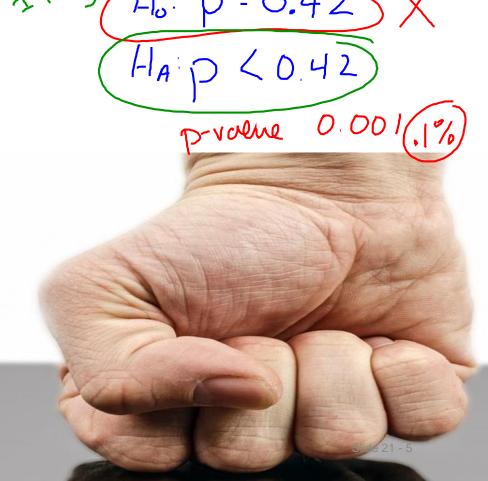
(14 4%) 18 8%

One more extension

An Associated Press article on potential violent behavior reported the results of a survey of 750 workers who were employed full time. Of those surveyed, 125 indicated that they were so angered by a coworker during the past year that they felt like hitting the coworker (but didn't). Assuming that is it reasonable to regard this sample as representative of the population of full-time workers, use this information to test if this study shows that this study conflicts the other studies that show that 42% of employee time is spent engaging in or trying to resolve conflict.

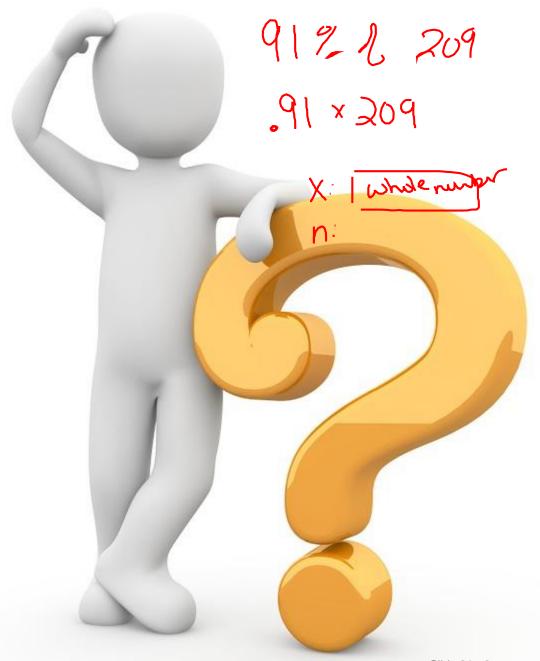
ART is my BFFa x rejet

What would make a Type I error? What would make a Type II error? Which is more dangerous? Why?



MC Practice

P-value



Due Tomorrow

ALL HOMEWORK FROM THE UNIT (12 assignments)