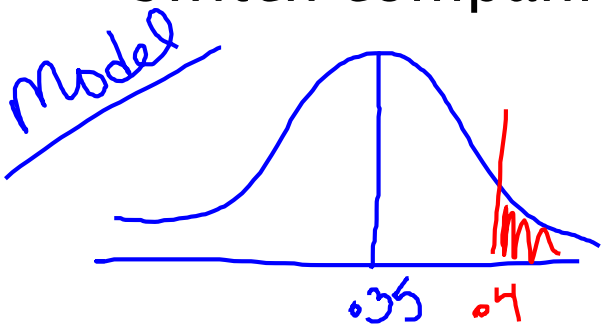
Wednesday, February 6, 2019

- Warm-up
  - Suppose that 35% of all business executives are willing to switch companies if offered a higher salary. If a headhunter randomly contacts and SRS of 100 executives, what is the probability that over 40% will be willing to switch companies if offered a higher salary?

0.146 ≈ 14.6%

$\sqrt{\frac{pq}{n}}$



$N(0.35, 0.0476)$

$\sqrt{\frac{(.35)(.65)}{100}}$

0.0476

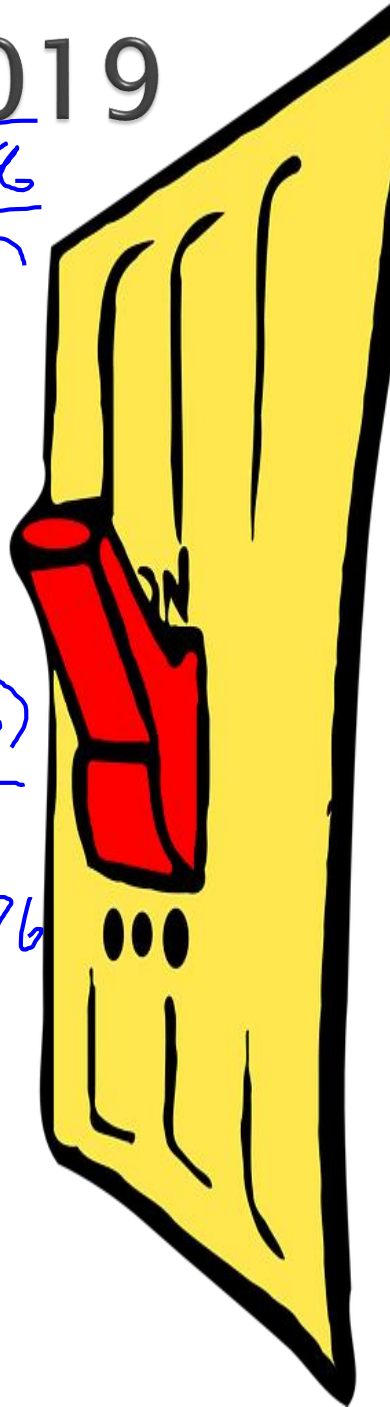
normalcdf(.4, 99999, 0.35, 0.0476)

lower bound

upper bound

μ

σ

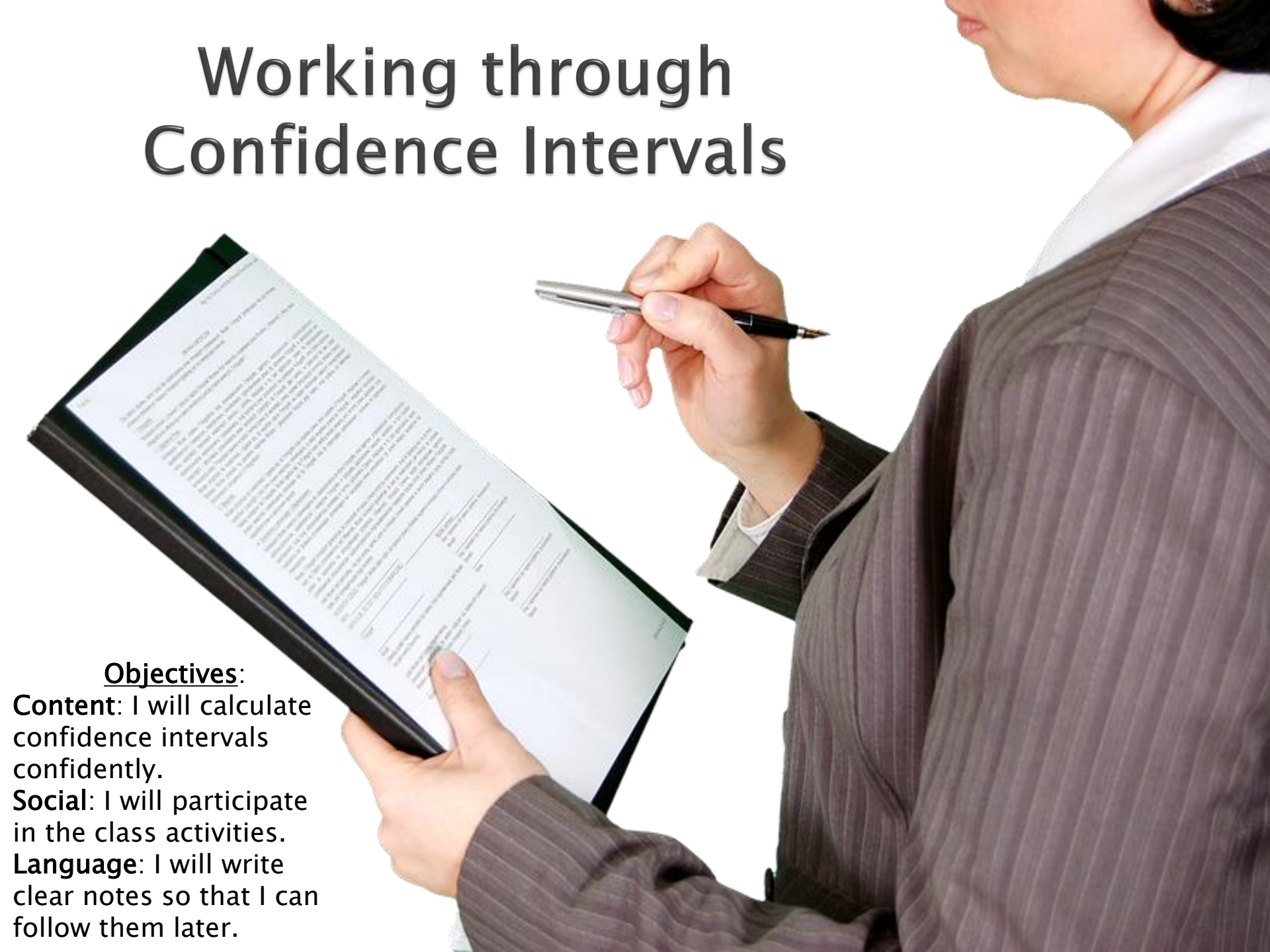


- More with confidence intervals

Objectives:

Content: I will calculate confidence intervals confidently.
Social: I will participate in the class activities.
Language: I will write clear notes so that I can follow them later.

Working through Confidence Intervals



Objectives:

Content: I will calculate confidence intervals confidently.

Social: I will participate in the class activities.

Language: I will write clear notes so that I can follow them later.

Homework:

page 456 (13, 14)