

CONFIDENCE INTERVALS FOR PROPORTIONS: Lab Submission page

Secretary: _____

Others: _____

Part I:

If the sample proportion is 50% and the standard *error* is 10%, construct & interpret...

1. a 90% confidence interval

2. a 95% confidence interval

3. a 95.44% confidence interval

Part II:

4. Calculate 95% confidence intervals for the proportion who like Rap, Opera, and Bluegrass.
Use musicb.sav, or you'll need to recode again.
Get percents from the frequency distributions in SPSS; you should know that.
Do *not* get the standard error or confidence interval from SPSS – they're wrong!

Rap:

Opera:

Bluegrass:

5. Compare those intervals by drawing a picture on the back of this page. (See the notes if you need!) Then make conclusions based on how the intervals compare to each other: Are any clearly more or less popular? Can you even *make* a conclusion about each of the possible comparisons?