

Assignment 6: Sample Error Calculation Problem Set

Note: This assignment is worth 5% of your grade for the course.

Please try to calculate the margin of error of a public opinion question on your own. Note also that this is an individual assignment and should not be completed as a group.

Review the following survey question data:

Sample Error PSET

Answer the following questions:

1. What is the “margin of error” for the percent of respondents who support this proposal?
2. What is the “margin of error” for the percent of respondents who oppose this proposal?

The guiding equation for sample error is: $se(p) = \sqrt{\frac{p(1-p)}{(n-1)}}$

...where p is the proportion and n is the sample size. You may use any regular/scientific calculator you like, but do not use a generative AI program or other software for an answer.

In your answer, please don't just give numerical answers; provide some context for what each answer means.

You may submit your answer as a file upload, or by typing it into this page and submitting.