

Lab Report: Confidence Intervals – Single Population Proportion

Name(s):

Key Terms

Provide the definitions for the following terms:

- **point estimate:**
- **confidence interval:**
- **margin of error:**
- **error bound for a population proportion:**
- **confidence level:**
- **alpha (significance):**

Data

$x =$

$n =$

$p =$

Confidence Intervals Varying Confidence Level

Confidence Level	Confidence Interval
50%	
80%	
90%	
95%	
99%	

Sample Size Varying Confidence Level

Confidence Level	Sample Size
50%	
80%	
90%	

95%	
99%	

Discussion

- 1.
- 2.
- 3.