

ST 432 Pollock Homework Sets 1 and 2

Set 1 Due Tuesday January 20th at class.

- 1. Q2 Ch 2**
- 2. Q3 Ch 2**
- 3. Q2 Ch 3**
- 4. Q1 Ch 5.**

Set 2 Due Tuesday January 27th at class.

- 1. In lecture 1 we talked about political polls and it was stated that when estimating a population proportion a sample of 400 voters would be adequate to give a margin of sampling error of plus or minus 5 percentage points. Using the material on sample size calculations given in class and the text, show that these statements are true and define clearly what margin of sampling error means and what confidence level is being used.**
- 2. Q1 and Q2 Ch 4.**
- 3. Q3 Ch 5.**
- 4. Find one recent survey or poll discussed in a newspaper (hard copy or online). Give me the reference or web link and state briefly in less than a half page what the purpose of the poll or survey was.**