

Initial Homework Project Briefing

Are NCSU Students, Faculty or Alumni More Likely to Drive a Red Car?

Briefing Outline

- ◆ Background and Objectives
- ◆ Data
- ◆ Methods and Analysis
- ◆ Conclusions and Recommendations

Background and Objective

- ◆ Describe the problem?
 - Connection to environmental issues?
- ◆ How did you determine the “true” national percentage of red cars?
 - How do you define red?
- ◆ Is there an “NCSU” effect?
- ◆ Are students, faculty or Alumni more likely to drive a red car than the general public?
- ◆ Who is most likely to drive a red car – the students, the faculty or the alumni?

Environmental Data

- ◆ How did you obtain it?
- ◆ Describe your sampling approach?
- ◆ Data collected at one or more parking lots?
- ◆ Describe the parameters measured at the parking lots:
 - Who collected it?
 - What does it consist of?
 - What was your experience in collecting the data?

Methods and Analysis

- ◆ What hypothesis are you testing?
- ◆ Describe the statistical methods you employed.
- ◆ Describe the statistical assumptions you made.
- ◆ Discuss the statistical tests you used.
- ◆ What does your analysis show?

Conclusions

- ◆ What have you found?
- ◆ Are there limitations in the conclusions you reached?
- ◆ What recommendations do you make?
- ◆ Do you have recommendations for future analysis?