1 Problems

Problems are from IPS6e unless otherwise indicated.

Problems from Chapter 8:
8.8 p.502 – More on whether to use the large sample CI.
8.10 p.502 – \( \hat{p} \) and the Normal distribution.
8.16 p.503 – Cheating during a test.
8.22 p.504 – Instant versus fresh-brewed coffee.
8.28 p.504 – Bicycle accidents and alcohol.
8.32 p.505 – Sample size needed for an evaluation.
8.63 p.520 – More on the effects of reducing air pollution.
8.69 p.521 – Parental pressure to succeed in school.
8.74 p.522 – Changing majors during college.
8.75 p.522 – Gallup poll study.
8.76 p.522 – Parental pressure and gender.

Problems from Chapter 9:
9.12 p.550 – Find the degrees of freedom and \( P \)-value.
9.18 p.551 – Sexual imagery in magazine ads.
9.35 p.555 – Altruism and field of study.
9.40 p.557 – Is there a random distribution of trees?.

2 Additional Software Instructions

There are no specific Stata instructions for this assignment. A Stata handout for these chapters will be posted Tue 17 Nov.