Section Week 3

The CPS data sample contains three variables incwage, region, and sex. Incwage is the average yearly income of an individual. Sex is equal to 1 for male and 2 for female. Region is equal to 1 for Northeast, 2 for Midwest, 3 for South, and 4 for West.

1. Compute the average wage in the sample.

2. Derive a 95% and 90% confidence intervals for the wage in the entire US population.

3. Compute the average wage for females and the average wage for males.

4. Use a loop to compute the average wage and confidence interval for wage in each of the four regions.