

STAT 324: Homework 1

Week 1, Spring 2020

Using the hepatitis A data (`hepA.csv`) from Canvas, answer the following questions:

Question 1: What variables are included in the data set?

Question 2: How many observations are in the data set?

Question 3: print the data from Wisconsin 1993

Question 4: which state has the lowest and highest rate, respectively, when we average over the entire period?

Question 5: plot the mean rate for the entire country against the year. Does this plot bring any interesting question(s) to mind?

Question 6: the large-scale use of the hepatitis A vaccine started in 1995. Add a vertical line to your plot at the year 1995.