

Explore the data contained in the data set using the commands you've learned in class. Answer the following questions:

- How many observations are in the dataset?

ans: 1,013

- Which variables have more than 100 missing values for observations in the dataset?

ans: fatheduc , motheduc and IQ

- What is the average years of schooling for people in this dataset?

ans: 13.2577

- How many observations lived in region 7 in 1966?

ans: 1,013

- What percent of the sample is black? (Hint: you do not need a calculator to determine this)

ans: 25.47%

- What is the minimum wage for people in this sample? What is the maximum wage?

ans: minimum wage: 112 and maximum wage: 2404

- What is the average wage for people older than 30?

ans: 722.9063

- What is the average number of years of father's schooling for people in this sample who are black?

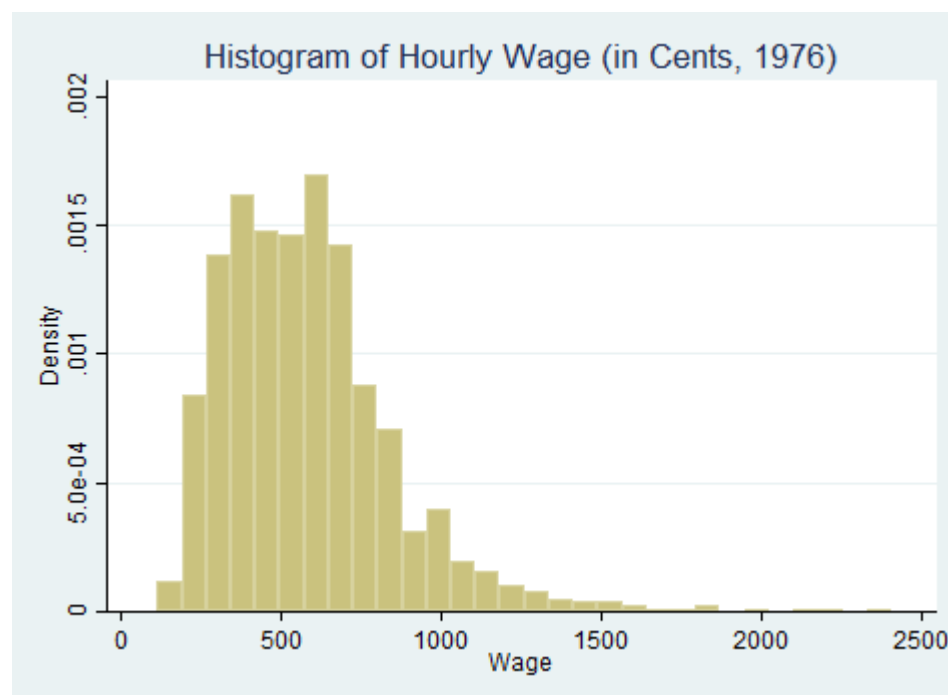
ans: 7.510345

- What is the average number of years of father's schooling for people in this sample who are NOT black?

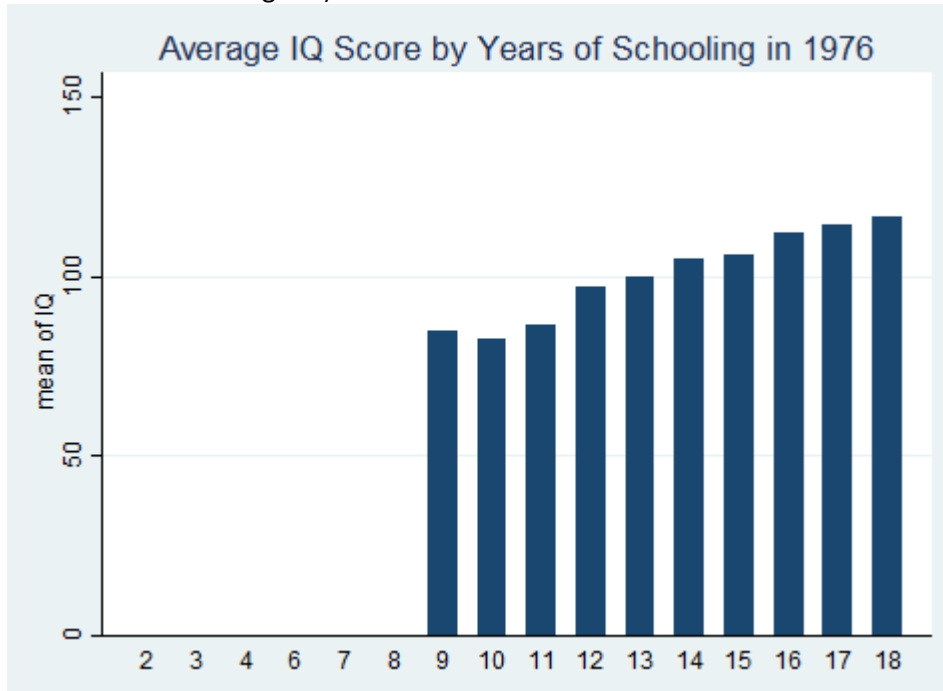
ans: 10.68019

Create the following figures and insert them into your answer document. Make sure that your figures are nicely labeled and formatted.

- A histogram of hourly wage



- A bar chart of average IQ score by years of schooling in 1976 (Don't worry about labeling the x-axis for this figure.)



- A histogram of years of experience (exper) for people who are married in 1976 and enrolled in school in 1976.

