

ECO220Y: Homework, Lecture 1

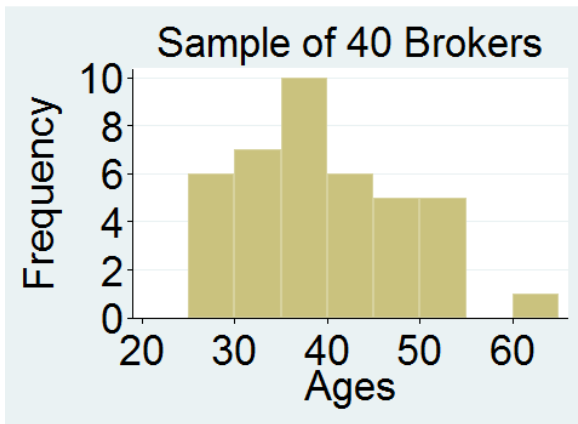
Readings: Chapters 1-3, Chapter 5, section 5.1

Exercises: Chapter 2: 18 - 22, 27 - 34; Chapter 3: 10, 13, 17, 31, 39

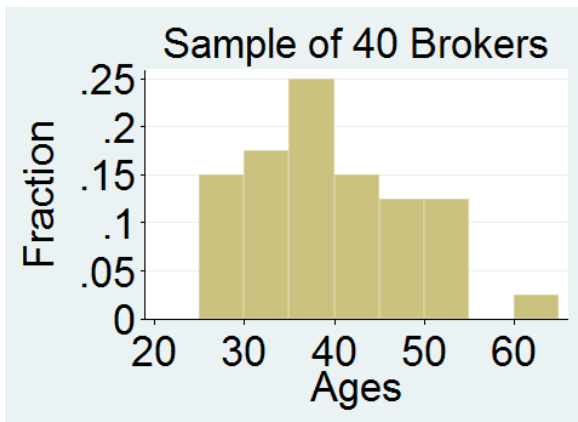
Problems:

(1) A large investment firm on Wall Street wants to review the distribution of ages of its stockbrokers. The firm believes that this information can be useful in developing plans to recruit new brokers. The ages of a sample of 40 brokers are shown below. For each of the following histograms what *percentage* of brokers are between 35 and 45 years old? Show your work for each.

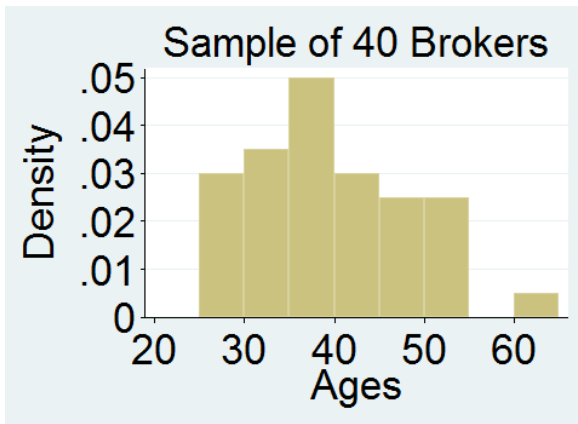
(a)



(b)



(c)



(d) Explain any differences in your answers to parts (a)-(c)

(e) What percentage of brokers are younger than 30 years old?

(f) How many brokers are 35 years old? 60 years old?