

UNIVARIATE STATISTICAL ANALYSIS

TUTORIAL SESSION 1

NUMERICAL DESCRIPTIVE MEASURES

Chapter 1

Question 1.13 (p.16)

Question 1.21 (p.18) – Going back to school

- Use this information to construct a bar chart.
- Use this information to construct a pie chart

Chapter 3

Question 3.24 (p.112-113) – age 25 to 34 with 4-year degree

Part a. only

Chapter 4

Question 4.1 (p.156) – Truck prices

Part a. only

Question 4.9 (p.158) – Speed-related crash fatalities

Question 4.17 (p.165) – Chess costs

Assuming the data is **sample**.

- Calculate the sample mean.
- Calculate the sample variance.
- Calculate the sample standard deviation.

Question 4.19 (p.165) – Cereals cost per serving

Assuming the data is the **population**.

- Calculate the population mean.
- Calculate the population variance.
- Calculate the population standard deviation.