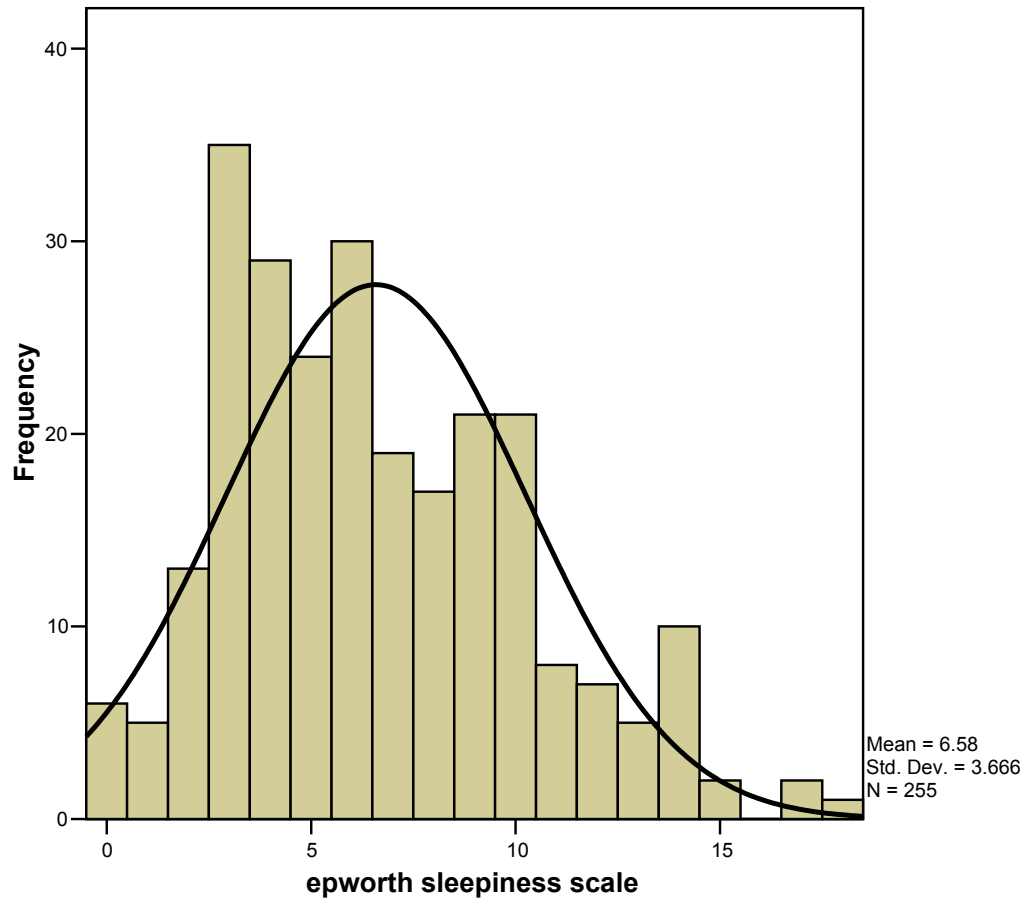


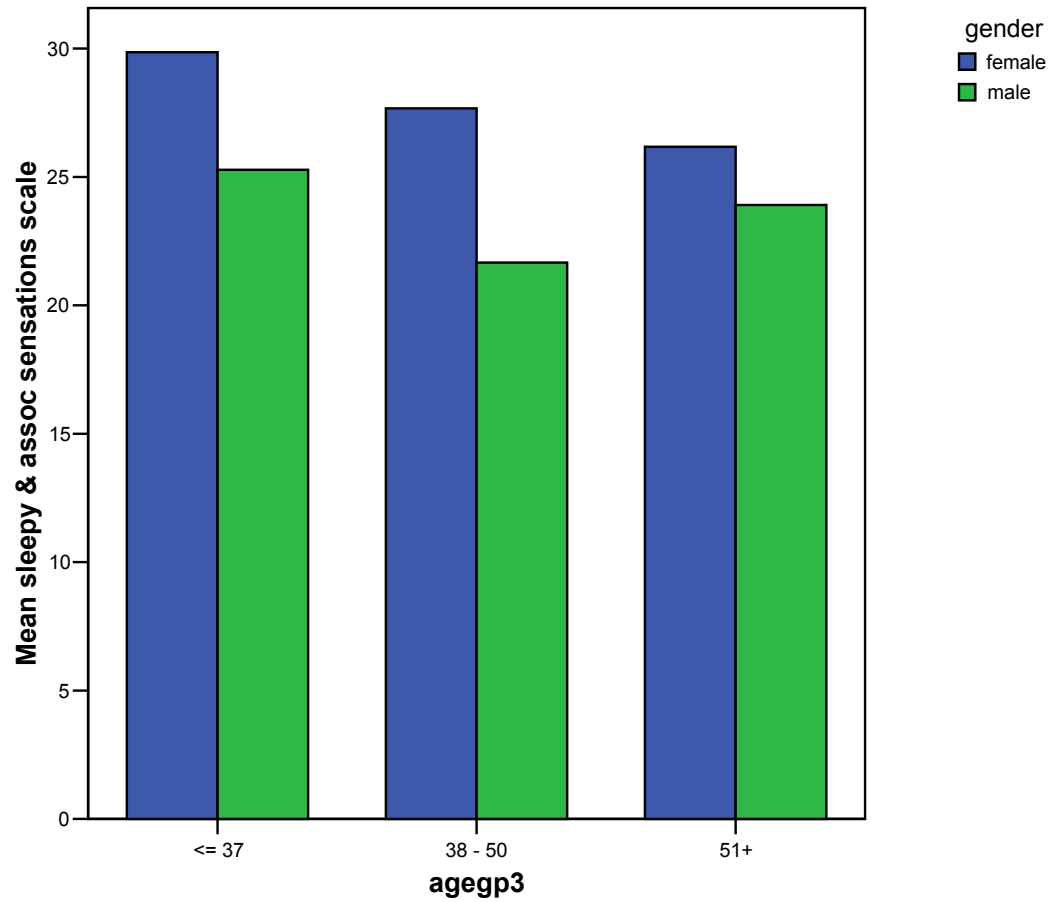
Answers to additional health exercises

Chapter 7 Graphs

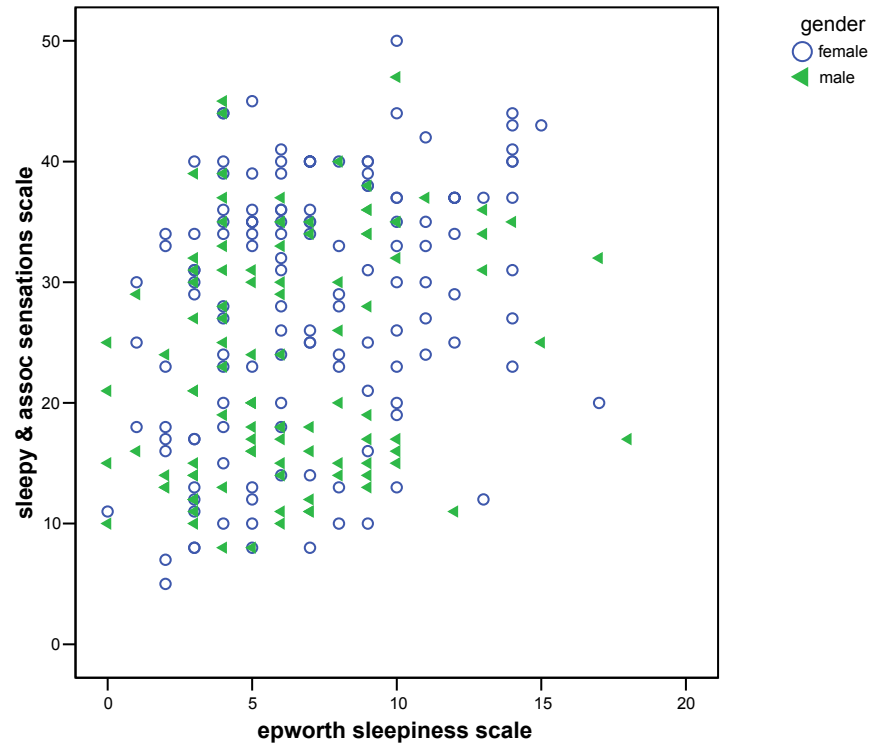
Q1 Generate a **histogram** to explore the distribution of scores on the Epworth Sleepiness Scale (*ess*).



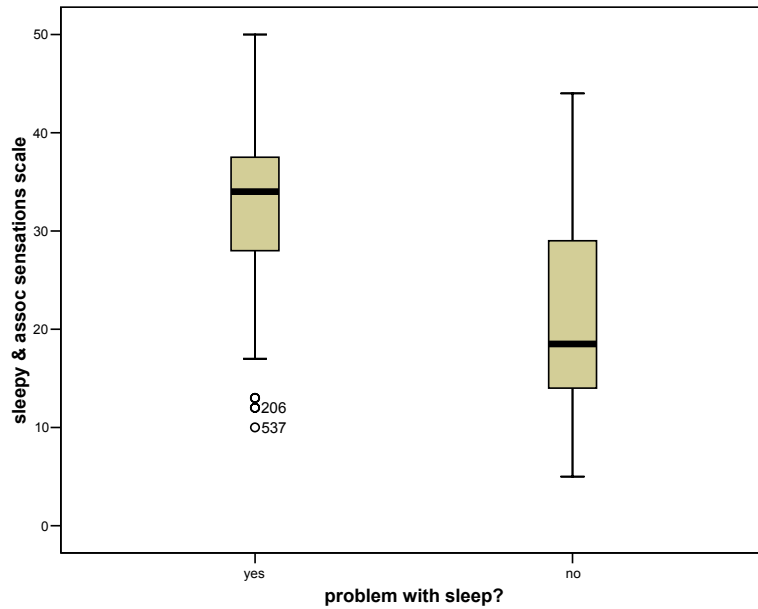
Q2. Generate a **bar graph** to compare scores on the Sleepiness and Associated Sensations Scale (*totSAS*) across three age groups (*agegp3*) for males and females (*gender*).



Q3. Generate a **scatterplot** to explore the relationship between scores on the Epworth Sleepiness Scale (*ess*) and the Sleepiness and Associated Sensations Scale (*totSAS*). Ask for different markers for males and females (*gender*).



Q4. Generate a **boxplot** to explore the distribution of scores on the Sleepiness and Associated Sensations Scale (*totSAS*) for people who report that they do/ do not have a problem with their sleep (*problem*).



Q5. Generate a **line graph** to compare scores on the Sleepiness and Associated Sensations Scale (*totSAS*) across the different age groups (use the *agegp3* variable) for males and females (*gender*).

