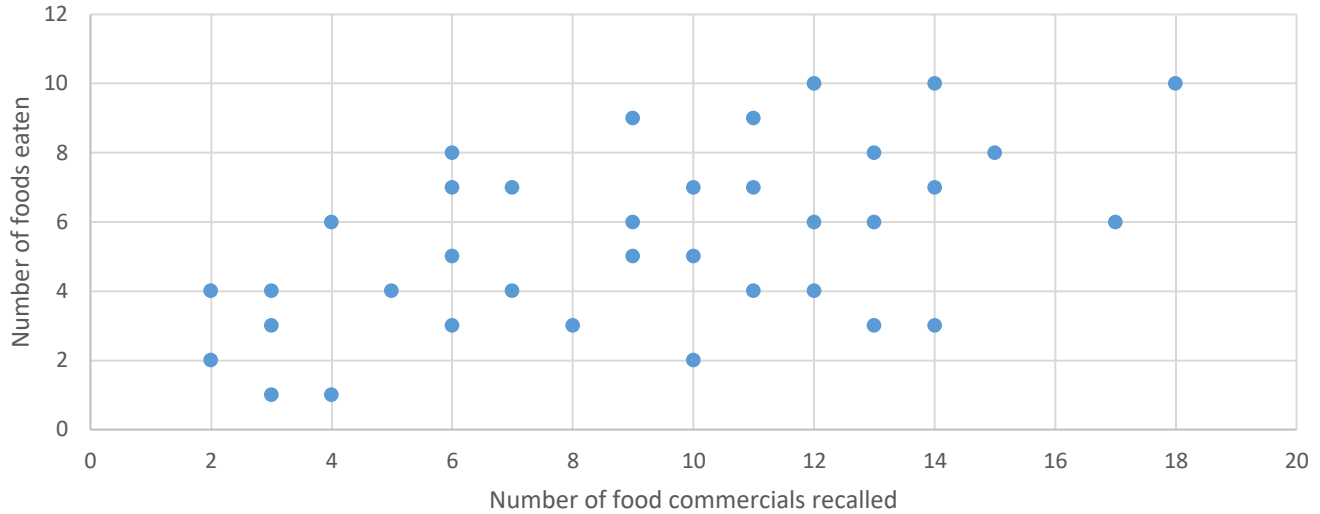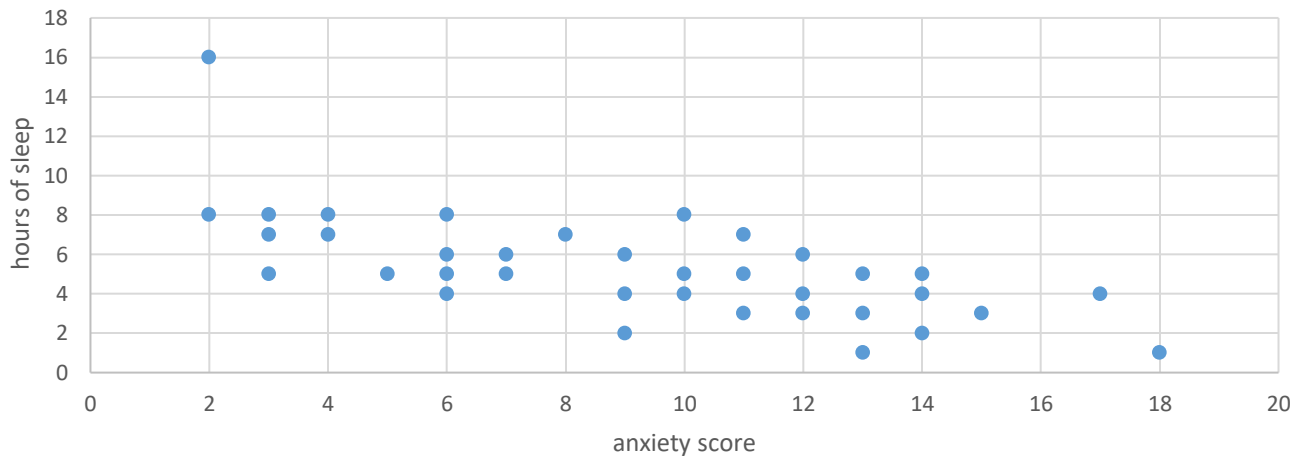Figure 1. Scatterplot of the relationship between the number of food commercials recalled and the number of food eaten

1. What variable is on the x axis in figure 1?
2. Looking at the scatterplot what would you say is the strength of the relationship?
3. Looking at the scatterplot what would you say is the direction of the relationship? What does that mean in words?
4. Respondents remembering approximately 5 commercials consume how many foods?
5. What would you estimate Pearson's r range to be?

Figure 2. Preop anxiety and sleep prior to surgery

6. Looking at the scatterplot (fig 2) what would you say is the strength of the relationship?
7. Looking at the scatterplot what would you say is the direction of the relationship? What does that mean in words?
8. What would you estimate the Pearson's r range to be?
9. Any outliers? Why is it important to look at scatterplots?