

### R Code for Examples in the book

"Statistics: The Art and Science of Learning from Data" by Agresti, Franklin and Klingenberg, 5<sup>th</sup> edition

## Chapter 2

Example 16: Cereal Sodium Data – Boxplot

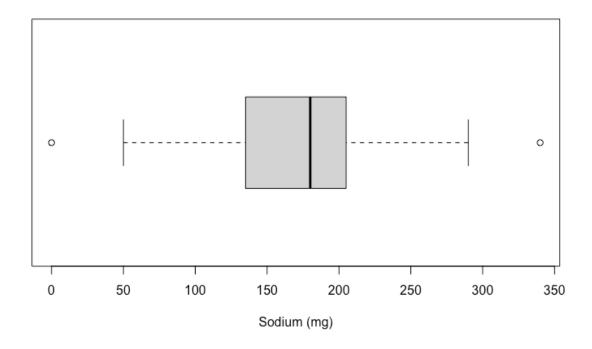
#### **Read in Sodium values:**

```
sodium <- c(0, 340, 70, 140, 200, 180, 210, 150, 100, 130, 140, 180, 190, 160,290, 50, 220, 180, 200, 210)
```

### **Basic Box Plot**

```
boxplot(sodium, horizontal = TRUE,
main = 'Cereal Sodium Data',
xlab = 'Sodium (mg)')
```

#### Cereal Sodium Data



# A better-looking box plot can be obtained with the ggplot2 library. To install it, type install.packages('ggplot2').

Box Plot of Cereal Sodium Data

