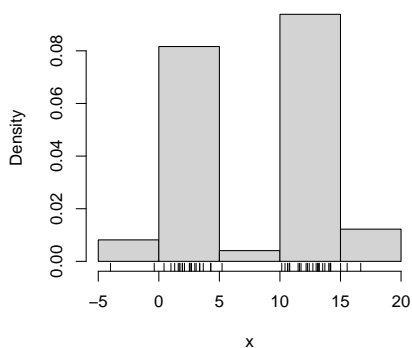
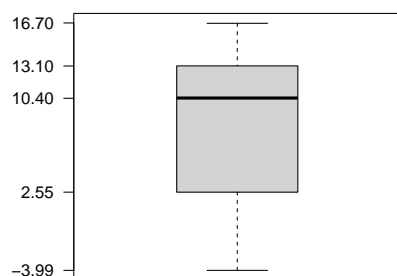


1. Problem

For the 49 observations of the variable x in the data file `boxhist.csv` draw a histogram, a boxplot and a stripchart. Based on the graphics, answer the following questions or check the correct statements, respectively. (Comment: The tolerance for numeric answers is ± 0.8 , the true/false statements are either about correct or clearly wrong.)

- The distribution is unimodal: true / false
The distribution is: symmetric / right-skewed / left-skewed
The boxplot shows outliers: true / false
A quarter of the observations is smaller than:
A quarter of the observations is greater than:
Half of the observations are smaller than:

Solution



- (a) False / True
(b) True / False / False
(c) False / True
(d) 2.55
(e) 13.1
(f) 10.4