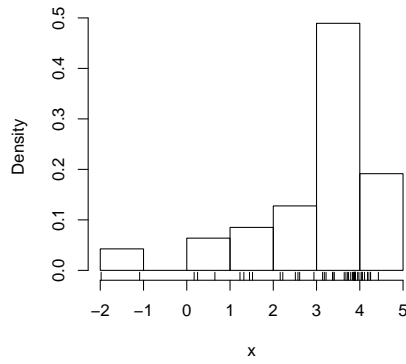
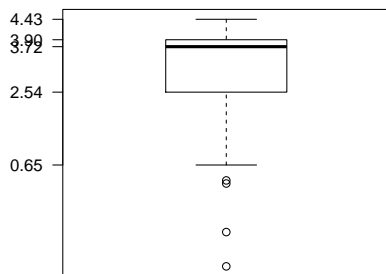


1. **Problem**

For the 47 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 ± 0.3 , 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 greater than:

Solution



- (a) True. / False.
- (b) False. / False. / True.
- (c) True. / False.
- (d) 2.54.
- (e) 3.9.
- (f) 3.72.