

### 1. Problem

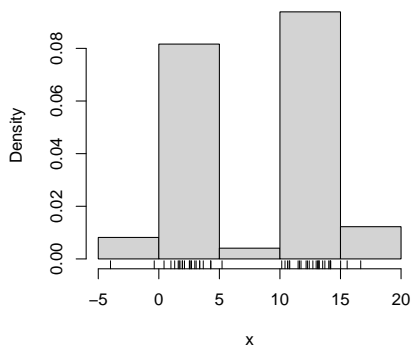
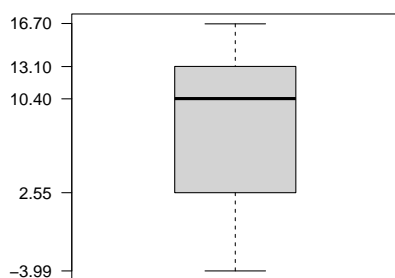
For the 49 observations of the variable  $x$  in the data file `boxhist.csv` draw a histogram, a boxplot and a stripchart. Based on the graphics, answer the following questions or check the correct statements, respectively. (Comment: The tolerance for numeric answers is  $\pm 0.8$ , the true/false statements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

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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:

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### Solution



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