

Data Description – P&P Answers

1. Data types

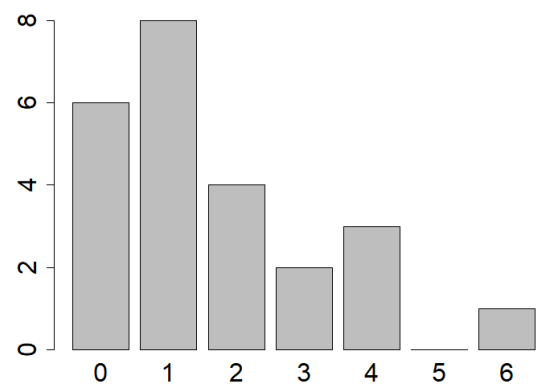
- a. (a) nominal
- (b) ratio
- (c) nominal
- (d) nominal
- (e) ratio
- (f) ratio
- (g) ratio
- (h) ratio
- (i) nominal

2. Distribution visualisation

- a. Frequency table:

0	1	2	3	4	5	6
6	8	4	2	3	0	1

- Bar chart:

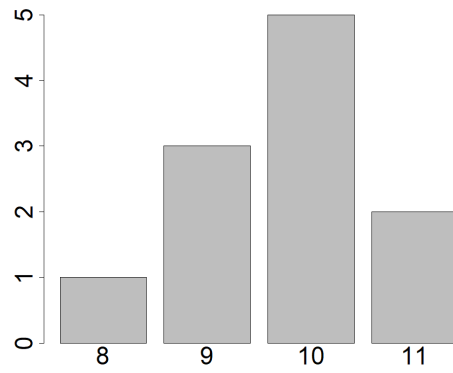


- b. Stem-and-leaf diagram:

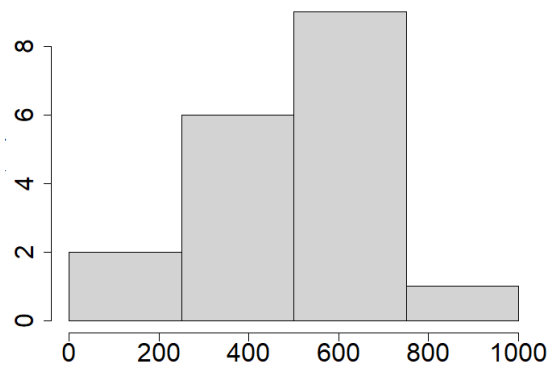
16	2
17	
18	2, 7
19	2, 5, 7
20	0, 4, 8, 9
21	0, 3, 3, 5, 7, 9
22	4, 9

Key: 16|2 = 162

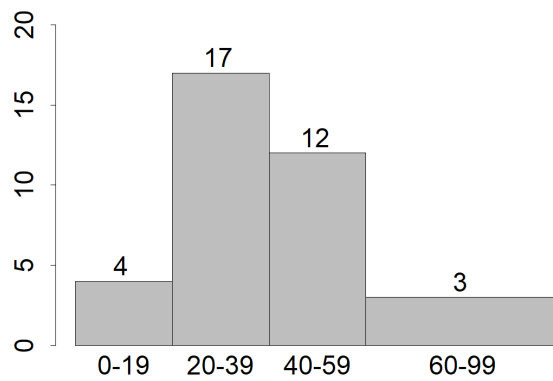
c. Bar chart:



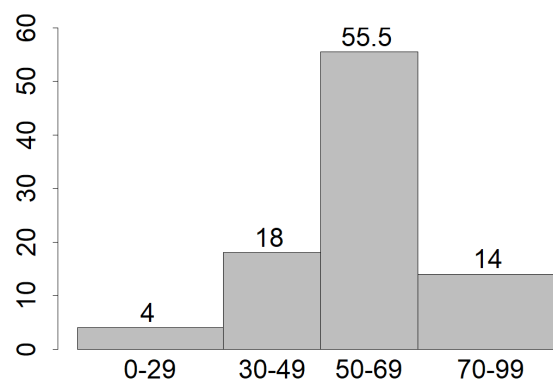
d. Histogram:



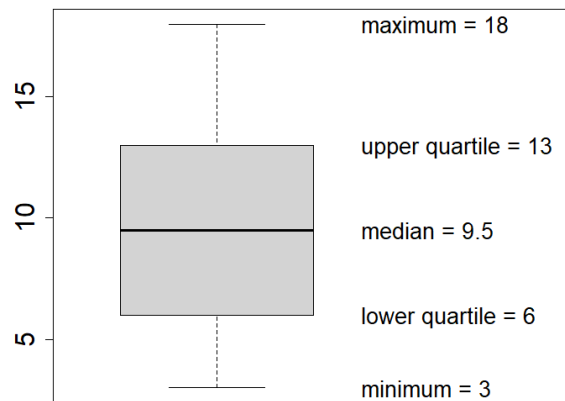
e. Histogram:



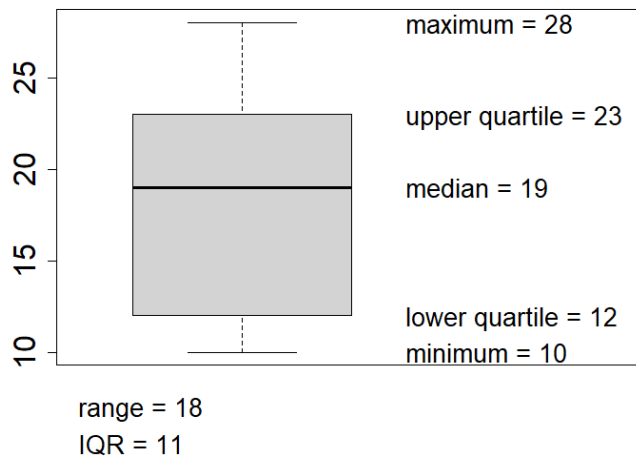
f. Histogram



g. Boxplot:



h. Boxplot:



3. Distribution parameters

- 3.05cm
- 71.77s
- 14-observation sample: mean = 10.49
- (a) 45
 (b) 45
 (c) 48.7
 (d) 53
 (e) 342.9
 (f) 18.02

(g) Box-and-whisker diagram:

