

STATISTICAL SOFTWARE R, SEM-5

Ques1: Put the list of values 7,5,9,2,1,8,4,2,4,8 into a variable A. Find the mean, median and standard deviation of A.

Ques2: (a) Put the following values 9, 9, 5, 6, 9, 2, 1, 0 into a variable b.

(b) Create a box plot of b.

Ques3: Blue tail: 10 1 37 5 12

Garden bee: 8 3 19 6 4

Red tail: 18 9 12 4 6

(a) Make simple vectors.

(b) Make matrix bird from them as columns.

Ques4: Make contingency and flat contingency tables from the object bird (in Q3).

Ques5: Make a histogram of object data with 2, 3, 5, 4, 8, 10, 6 with names Mon, Tues, Wed, Fri, Sat and x axis label to be Months and y axis to be frequency.

Ques6: Put the list of values 7,5,9,2,1,8,4,2,4,8 into a variable A.

(a) Sort array A.

(b) Make order of A.

Ques7: (a) Put the following values 9, 9, 5, 6, 9, 2, 1, 0 into a variable b.

(b) Create a stem and leaf plot of b.

Ques8: Make a histogram of object data with 2, 3, 5, 4, 8, 10, 6 with names Red, Blue, Green, Yellow, Black and x axis label to be Colors and y axis to be frequency.

Ques9: Blue tail: 10 1 37 5 12

Garden bee: 8 3 19 6 4

Red tail: 18 9 12 4 6

(c) Make simple vectors.

(d) Make data frame bird from them as columns.

Ques10: Make contingency and flat contingency tables from the object bird (in Q3).