

Questions continue ----->>>>>>>>>>>>>>>>>

- a) Search in RStudio to find the correct function to use for constructing a stemplot, and study the syntax.
- b) In RStudio, construct a stemplot for the data in the above example:  

*9, 9, 22, 32, 33, 39, 39, 42, 49, 52, 58, 70*
- c) Check that your stemplot matches the one shown above. If you used the default, your stemplot will be incorrect. Go back to the syntax and look at 'scale'.
- d) Correct your stemplot using the 'scale' argument.
- e) Ask your TA how stemplots preserve data. Do histograms also preserve data?

#### 4.

Using the state.area data:

- a) Find the area of the smallest state (in sq miles)
- b) Find the area of the largest state (in sq miles)
- c) Find the mean area of all states.
- d) Find the median area.
- e) Find the difference between the largest and smallest state areas

#### 5.

- a) Create a vector containing the following elements: 2,3,3,3,4,2,5,NA, 10.

Using R, find the mean

- b) Create a vector containing the following elements: 2,2,3,3,3,4,2,5,10.

Using R, find the mode

**END WORKSHEET 3**