

The ToothGrowth data set contains measurements of the length of the teeth of guinea pigs (108) that were fed with different supplies of vitamin C (supp). Which of the statements below are true given the boxplot shown?

□ The average values for juice- and pill-fed guinea pigs are different

Missed Option - Incorrect

Missed Option - Incorrect

Missed Option - Incorrect

100

A histogram with n breaks has $n-1$ bars. What is the number of bars of the histogram created by the code below? (x is a vector of 1000 random numbers.)

9

999

10

○ 1000

Correct Answer: 9

The plot shown below (latitude and longitude of the `quakes` dataset with 1000 seismic events around Fiji) is a *scatterplot*.

☐ False

Correct Answer: False

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The figure shows a boxplot with (I) for

according to the number in the figure.



Unlike R, Python allows you to "add" two strings: '1' + '1' becomes '11'

☐ True☐ False

Correct Answer: True

Which parameter of `read.csv` tells R that it should convert strings (character values) in the flat file to factor levels?

☐ factor = TRUE☐ char.to.factor = TRUE

- ☐ stringsAsFactors = TRUE

- ☐ stringsAsFactors = FALSE

Correct Answer: stringsAsFactors = TRUE

Which of these features does a boxplot **not** show (unlike a histogram)?

○ Significant peaks (modes)

☐ Skewness of the distribution

☐ Spread of the distribution

☐ Centrality of the distribution

Correct Answer: FlashBurst media loader.

What does the *height* of any of the bars right in the histogram of the Nile dataset represent?