

Questions: Answer these questions by using R

Data is in this link <http://www.krooart.com/computational-biology>

Submit answer file to the folder before 00.00 Tue 14 Feb 2017

1. How will you present your leaf data (statistically and graphically)? You can use any programs to solve this question.
2. Is there a relationship between leaf width and leaf length?
between leaf width and leaf circumference?
between leaf length and leaf circumference?
3. Can you report mean and standard deviation (SD) of the width, length, and circumference from your 30 leaves?
4. Which tree has the longest leaf and which one has the widest leaf in your list?
5. Find solution to combine all leaf data from all students into a single excel file.
6. Report mean and standard deviation (SD) of the width, length, and circumference of the class.
7. Are the values of mean and SD of yours similar or differ to other students in the class? Are they statistically different?
8. How many dicot and monocot plants in the list of the class? Do girls select more dicot plants compared to boys?
9. Are there any trees that were measured by more than one student in the class? What are these plants?