Introduction To Bioinformatics

Exercise 3

Familiarizing with R

**Name**: Aris Podotas

**University**: National and Kapodistrain University of Athens

**Program**: Data Science and Information Technologies Master’s Program

**Specialty**: Bioinformatics and Biomedical data

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# Analysis

## A priori setup

**Linux availability**: Windows Subsystem for Linux (WSL) Ubuntu.

**Note:** For the solution to the problems a file that can be executed with R will be made (Familiarization.r). This script is executed with “Rscript.exe Familiarization.r”

**Note:** The pdf produced by the code was embedded in this document for brevity.

**Note:** The process to make the importation of the file work properly was as follows:

Search the slides and online on how to install packages with R.

A screen shot of a computer

Description automatically generated

**Figure 1**: Initial output when installing packages.

Upon attempting to install the way that was recommended, this error was encountered. A quick google search later found that this is because the R session was initialized without admin privileges. Thus, an administrator session was used to run the command again, which worked.

**Note:** Since questions include countries that are not in the EU and calculations for countries within the EU the countries considered as being within the EU are the following:

Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain and Sweden.

## Results

The following is the contents of the pdf file produced by the Familiarization.r file, named Familiarization.pdf

For the contents of Familiarization.r, look within the respective file (provided with the report).