

Liberation through Open Source Software

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1 Open Source as a Social Movement

1.1 Data Analysis Tools – Computing for the Next Generation

1.2 R and Rstudio

1.3 Contributions and Innovation

For this code, I suggest the using the R base package plus some libraries for assorted specialized tools. When these are used, I can explain them, but for now, I suggest you make sure these files are 1) convenient and 2) useful.

For example, here is a list of useful library packages that might be helpful:

tidyr ...

dplyr

stringr

reshape2

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1.4 Customized Functions

We will also use a customized function, which can be called automatically if you have the source code in your directory with the following:

summarySE.R Can be downloaded...

Or you can download this file from <http://...> and run code to create the function manually.

2 Collaboration and Community

2.1 Github and Version Control

3 Conclusion