STATISTICAL PROGRAMMING WITH R

Gotta Read 'Em All: An RStudio Add-In to visually read different file-formats into R

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1 Motivation

R is a statistical software with an almost uncountable number of functions for different statistical methods, procedures and graphs. On the Comprehensive R Archive Network (CRAN) alone, the most popular network for adding new features to R via so called "packages", more than 8000 packages are ready to be downloaded.

2 Underlying Frameworks

2.1 The Shiny Framework

2.2 RStudio Add-Ins

3 Implementation

3.1 The Main Function: GREA()

3.2 The Reading Function: GREA_read()

3.3 Helper Functions

4 Usage

Appendix

References

[1] blubb