



METADATA

Title: Introduction to programming and statistical analysis with R

Other Titles: -

Language: Greek

ISBN: 978-960-603-449-7

Subject: MATHEMATICS AND COMPUTER SCIENCE

Keywords: Statistical Programming / Data Analysis / Algorithms / Computational Statistics

Bibliographic Reference: Ntzoufras, I., & Karlis, D. (2015). Introduction to programming and statistical analysis with R [Undergraduate textbook]. Kallipos, Open Academic Editions. <http://dx.doi.org/10.57713/kallipos-762>

Abstract

This textbook aims to introduce students involved in statistics to programming using the statistical language R, which is the standard statistical analysis programming tool for data-related sciences. The textbook begins with a description of the basic objects used in R and

continues with the classic programming syntax for loops (for-loops) and conditional execution of commands (if, else, ifelse). Next, data input, basic commands for data analysis, and finally the syntax of functions and algorithms for statistical problems are examined.

