

R

R is an integrated suite of software facilities for data manipulation, calculation and graphical display. Among other things it has:

- an effective data handling and storage facility
- a suite of operators for calculations on arrays, in particular matrices
- a large, coherent, integrated collection of intermediate tools for data analysis
- graphical facilities for data analysis and display either directly at the computer or on hardcopy
- a well developed, simple and effective programming language (called `S') which includes conditionals, loops, user defined recursive functions and input and output facilities. (Indeed most of the system supplied functions are themselves written in the S language.)

The term “environment” is intended to characterize it as a fully planned and coherent system, rather than an incremental accretion of very specific and inflexible tools, as is frequently the case with other data analysis software.

From: R Core Team

Platform: Unix, Windows and Mac OSX (Classic no longer supported)

Cost: Free

See: <http://cran.r-project.org/>

Links

R Project

<http://cran.r-project.org/>

GUI resources for R

http://www.sciviews.org/_rgui/

Fields

Name	Value
Name	R
Description	Integrated suite of tools for statistical data analysis
MethodDomain	Analysis Statistics
Distribution	Freeware
OS	Windows Mac OS X Linux Solaris
URLDoA	6/14/06
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