

How can I see what data sets are available when I start R?

Authored by
stats writer

June 30, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I see what data sets are available when I start R?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=161445>

When starting R, you can use the ``data()`` function to view a list of available data sets. This will display the names of all built-in data sets that are included in the R software. Additionally, you can also check the documentation or search online for external data sets that can be imported into R for analysis. This allows you to easily explore and access a wide range of data sources for your statistical and data analysis needs.

How can I see what data sets are available when I start R? | R FAQ

Once you start your R program, there are example data sets available within R along with loaded packages. You can list the data sets by their names and then load a data set into memory to be used in your statistical analysis. For example, in the book "Modern Applied Statistics with S" a data set called phones is used in Chapter 6 for robust regression and we want to use the same data set for our own examples. Here is how to locate the data set and load it into R.

Command library loads the package MASS (for Modern Applied Statistics with S) into memory. Command `data()` will list

all the datasets in loaded packages. The command data(phones) will load the data set phones into memory.

library(MASS)

data()

Data sets in package 'datasets':

AirPassengers Monthly Airline Passenger Numbers 1949-1960

BJsales Sales Data with Leading Indicator

BJsales.lead (BJsales)

Sales Data with Leading Indicator

BOD Biochemical Oxygen Demand

CO2 Carbon Dioxide uptake in grass plants

ChickWeight Weight versus age of chicks on different diets

DNase Elisa assay of DNase

EuStockMarkets Daily Closing Prices of Major European Stock

Indices, 1991-1998

..... (more data sets in between are omitted.)

uspop Populations Recorded by the US Census

volcano Topographic Information on Auckland's Maunga

Whau Volcano

warpbreaks The Number of Breaks in Yarn during Weaving

women Average Heights and Weights for American Women

Data sets in package 'MASS':

Aids2 Australian AIDS Survival Data

Animals Brain and Body Weights for 28 Species

... (more data sets are omitted here)

oats Data from an Oats Field Trial

painters The Painter's Data of de Piles

petrol N. L. Prater's Petrol Refinery Data

phones Belgium Phone Calls 1950-1973

quine Absenteeism from School in Rural New South Wales

... (more data sets are omitted here)

Use 'data(package = .packages(all.available = TRUE))'
to list the data sets in all *available* packages.

data(phones)

phones

\$year

**50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
69 70 71 72 73**

\$calls

**4.4 4.7 4.7 5.9 6.6 7.3 8.1 8.8 10.6 12.0 13.5 14.9
16.1 21.2 119.0 124.0 142.0 159.0 182.0 212.0 43.0 24.0
27.0 29.0**

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