

# Package ‘RStata’

January 20, 2025

**Title** A Bit of Glue Between R and Stata

**Version** 1.1.1

**Description** A simple R -> Stata interface allowing the user to execute Stata commands (both inline and from a .do file) from R.

**URL** <http://github.com/lbraglia/RStata>

**BugReports** <http://github.com/lbraglia/RStata/issues>

**Imports** foreign, tools, utils

**License** GPL-3

**LazyData** true

**RoxygenNote** 5.0.1

**NeedsCompilation** no

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**Repository** CRAN

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|                |                              |
|----------------|------------------------------|
| chooseStataBin | <i>Set Stata binary path</i> |
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### Description

Set Stata binary (among found alternatives) path. These settings are lost when R is closed, therefore you should consider adding a `options("RStata.StataPath")` line in your `.Rprofile`.

### Usage

```
chooseStataBin()
```

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|        |  |
|--------|--|
| RStata | <i>A Bit of Glue Between R and Stata</i> |
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### Description

A simple R -> Stata interface allowing the user to execute Stata commands (both inline and from a `.do` file) from R.

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|       |   |
|-------|---|
| stata | <i>Send commands to a Stata process</i> |
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### Description

Function that sends commands to a Stata process.

### Usage

```
stata(src = stop("At least 'src' must be specified"), data.in = NULL,
      data.out = FALSE, stata.path = getOption("RStata.StataPath",
      stop("You need to set up a Stata path; ?chooseStataBin")),
      stata.version = getOption("RStata.StataVersion",
      stop("You need to specify your Stata version")),
      stata.echo = getOption("RStata.StataEcho", TRUE), ...)
```

**Arguments**

|               |  |
|---------------|--|
| src           | character vector of length 1 (path to .do file) or more (a set of stata commands). See examples. |
| data.in       | <a href="#">data.frame</a> to be passed to Stata   |
| data.out      | logical value. If TRUE, the data at the end of the Stata command are returned to R.              |
| stata.path    | Stata command to be used   |
| stata.version | Version of Stata used  |
| stata.echo    | logical value. If TRUE stata text output will be printed   |
| ...           | parameter passed to <a href="#">write.dta</a>  |

**Examples**

```
## Not run:
## Single command
stata("help regress") #<- this won't work in Windows due to needed
# batch mode

## Many commands
stata_src <- '

version 10
set more off
sysuse auto
reg mpg weight

'
stata(stata_src)

## External .do file
stata("foo.do")

## Data input to Stata
x <- data.frame(a = rnorm(3), b = letters[1:3])
stata( "sum a", data.in = x)

## Data output from Stata (eg obtain 'auto' dataset)
auto <- stata("sysuse auto", data.out = TRUE)
head(auto)

## Data input/output
(y <- stata("replace a = 2", data.in = x, data.out = TRUE))

## End(Not run)
```

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