

# Package ‘RStata’

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

**Version** 1.1.2

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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.

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

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

**Imports** foreign, tools, utils

**License** GPL-3

**RoxygenNote** 7.3.2

**Encoding** UTF-8

**NeedsCompilation** no

**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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|        |  |
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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.

**Author(s)**

**Maintainer:** Luca Braglia <lbraglia@gmail.com>

**See Also**

Useful links:

- <https://github.com/lbraglia/RStata>
- Report bugs at <https://github.com/lbraglia/RStata/issues>

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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 dued 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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