

Package ‘jmvReadWrite’

September 16, 2020

Title Read and Write 'jamovi' Files ('.omv')

Version 0.1.0

Description The free and open a statistical spreadsheet 'jamovi' (www.jamovi.org) aims to makes statistical analyses easy and intuitive. 'jamovi' produces syntax that can directly be used in R (in connection with the R-package 'jmv'). Having import / export routines for the data files 'jamovi' produces ('.omv') permits an easy transfer of analyses between 'jamovi' and R.

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

VignetteBuilder knitr

BugReports <https://github.com/sjentsch/jmvReadWrite/issues>

Depends R (>= 3.5.0)

Imports rjson, stats, utils

Suggests jmv, knitr, rmarkdown

NeedsCompilation no

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Repository CRAN

Date/Publication 2020-09-16 09:30:02 UTC

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jmvRead	<i>Read files created of the statistical spreadsheet 'jamovi' (www.jamovi.org)</i>
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Description

Read files created of the statistical spreadsheet 'jamovi' (www.jamovi.org)

Usage

```
jmvRead(fleNme = "", useFlt = FALSE, rmMsVl = FALSE, sveAtt = FALSE)
```

Arguments

fleNme	name of the 'jamovi' file to be read ("FILENAME.omv"; default = "")
useFlt	apply filters (remove the lines where the filter is set to 0; default: FALSE)
rmMsVl	remove values defined as missing values (replace them with NA; default - FALSE)
sveAtt	store attributes that are not required in the data set (if you want to write the same data set using jmvWrite; default – FALSE)

Value

data frame (can be directly used with functions included in the R-package 'jmv' and syntax from 'jamovi'; also compatible with the format of the R-package "foreign")

jmvReadWrite	<i>jmvReadWrite: A package to read and write '.omv'-files (produced by the statistical spreadsheet 'jamovi', www.jamovi.org).</i>
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Description

The jmvReadWrite package provides two functions: jmvRead and jmvWrite.

jmvReadWrite functions

The free and open a statistical spreadsheet 'jamovi' (www.jamovi.org) aims to makes statistical analyses easy and intuitive. 'jamovi' produces syntax that can directly be used in R (in connection with the R-package 'jmv'). Having import / export routines for the data files generated by 'jamovi' (.omv') permits an easy transfer of analyses between 'jamovi' and R.

jmvWrite	<i>Write files to be used with the statistical spreadsheet 'jamovi' (www.jamovi.org)</i>
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Description

Write files to be used with the statistical spreadsheet 'jamovi' (www.jamovi.org)

Usage

```
jmvWrite(dtaFrm = NULL, fleNme = "")
```

Arguments

dtaFrm	Data frame to be exported (default = NULL)
fleNme	Name / position of the output file to be generated ("FILENAME.omv"; default = "")

ToothGrowth	<i>The Effect of Vitamin C on Tooth Growth in Guinea Pigs</i>
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Description

The Effect of Vitamin C on Tooth Growth in Guinea Pigs

Usage

```
ToothGrowth
```

Format

A data.frame with 60 rows and 6 variables

logLen numericNatural logarithm of the tooth length (len)

supp - Transform 1 factorTransformation of the supplement type (factor to numerical: VC = 1; OJ = 2)

len numericTooth length

supp factorSupplement type (VC: Vitamin C or OJ: Orange juice)

dose numericDose in grams / day

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