

Package ‘pzfx’

September 28, 2018

Type Package

Title Read 'GraphPad Prism' Files

Version 0.1.0

Description Read 'GraphPad Prism' '.pzfx' files into R.

URL <https://github.com/Yue-Jiang/pzfx>

BugReports <https://github.com/Yue-Jiang/pzfx/issues>

Imports xml2 (>= 1.2.0)

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 6.1.0

Suggests testthat, knitr, rmarkdown

VignetteBuilder knitr

NeedsCompilation no

Author Yue Jiang [aut, cre] (<<https://orcid.org/0000-0002-9798-5517>>)

Maintainer Yue Jiang <rivehill@gmail.com>

Repository CRAN

Date/Publication 2018-09-28 21:30:09 UTC

R topics documented:

pzfx_tables	2
read_pzfx	2
Index	4

pzfx_tables *List all tables in a 'GraphPad Prism' '.pzfx' file.*

Description

List all tables in a 'GraphPad Prism' '.pzfx' file.

Usage

```
pzfx_tables(path)
```

Arguments

path Path to the '.pzfx' file

Value

a character string vector

Examples

```
pzfx_file <- system.file("extdata/exponential_decay.pzfx", package = "pzfx", mustWork = TRUE)
pzfx_tables(pzfx_file)
```

read_pzfx *Read one table from a 'GraphPad Prism' '.pzfx' file*

Description

Read one table from a 'GraphPad Prism' '.pzfx' file

Usage

```
read_pzfx(path, table = 1, strike_action = "exclude")
```

Arguments

path Path to the '.pzfx' file.

table Table to read. Either a string (the name of a table), or an integer (the position of the table). If neither argument specifies the table, defaults to the first table.

strike_action One of c("exclude", "keep", "star") or c("e", "k", "s"). Should stricken values in the original .pzfx be excluded, kept or labeled with a trailing "*". If a trailing "*" is added, the column will be of type character.

read_pzfx

3

Value

a data frame

Examples

```
pzfx_file <- system.file("extdata/exponential_decay.pzfx", package = "pzfx", mustWork = TRUE)
read_pzfx(pzfx_file, table = 1, strike_action="exclude")
```

Index

[pzfx_tables](#), 2

[read_pzfx](#), 2