

Package ‘toydata’

March 27, 2022

Type Package

Title What the package does (short line)

Version 1.0

Date 2022-03-27

Author Who wrote it

Maintainer Who to complain to <yourfault@somewhere.net>

Description More about what it does (maybe more than one line)

License What license is it under?

R topics documented:

toydata-package	1
digit_return	2
outlier	3

Index	4
--------------	----------

toydata-package	<i>What the package does (short line)</i>
-----------------	---

Description

More about what it does (maybe more than one line)

Details

The DESCRIPTION file: This package was not yet installed at build time.

Index: This package was not yet installed at build time.

Data manipulation

Author(s)

Who wrote it

Maintainer: Who to complain to <yourfault@somewhere.net>

digit_return	<i>return the kth digit of x from the end of x</i>
--------------	--

Description

return the kth numeric digit of x beginning from the end of x.

Usage

```
digit_return(x = 789, k = 1, opp = FALSE)
```

Arguments

x	a numeric or character value (e.g. 789 or "789")
k	a numeric value from 1 to the length of x including a possible "-" symbol for negative numbers
opp	a logical value TRUE or FALSE (default FALSE)

Details

The function takes a numeric or character value for **x**.

Value

A single digit

Author(s)

Steve Pittard

References

homework 2

Examples

```
digit_return(x=789,k=3,opp=FALSE)
digit_return(x=-789,k=1,opp=FALSE)
```

outlier	<i>Mean after getting rid of outlier</i>
---------	--

Description

Returns mean of x after applying specified percentile adjustments

Usage

```
outlier(x, threshold = 0.1)
```

Arguments

x	a numeric vector
threshold	a threshold (e.g. 0.10) that can be used to determine the appropriate percentiles (the percentiles in this case would be the 10th and the 90th (1-.10).)

Value

mean of x after applying percentile adjustments

Author(s)

Steve Pittard

References

Homeowrk 2

Examples

```
set.seed(123)
(myunif <- runif(20,1,10))
outlier(myunif,.10)
```

Index

* **package**

toydata-package, [1](#)

digit_return, [2](#)

outlier, [3](#)

toydata (toydata-package), [1](#)

toydata-package, [1](#)