Package ‘DeductiveR’

Type Package

Title Deductive Rational Method

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License GPL-3

Encoding UTF-8

RoxygenNote 7.1.1

Imports dplyr, reshape2, ggplot2, moments

Suggests rmarkdown, knitr

VignetteBuilder knitr

NeedsCompilation no

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R topics documented:

DR .................................................. 2
DR_plot .......................................... 2
DR_stats ...................................... 3

Index 4
DR

*Apply the Deductive Rational Method to a monthly series of flow or precipitation data to fill in missing data.*

**Description**

Apply the Deductive Rational Method to a monthly series of flow or precipitation data to fill in missing data.

**Usage**

```r
DR(data)
```

**Arguments**

data  
data frame with columns: date - year - month - day - station (Type date and numeric the rest)

**Value**

DR_final: data frame with monthly values that result from the application of the Deductive Rational Method

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DR_plot

*Plot the result from the application of the Deductive Rational Method*

**Description**

Plot the result from the application of the Deductive Rational Method

**Usage**

```r
DR_plot(dr)
```

**Arguments**

dr  
data frame from DR function

**Value**

None
**DR_stats**

Statistics for the result from the application of the Deductive Rational Method

**Description**
Statistics for the result from the application of the Deductive Rational Method

**Usage**

```r
DR_stats(dr)
```

**Arguments**

- `dr`: data frame from DR function

**Value**

data_long_month: data frame with statistical summary of monthly value that result from the application of the Deductive Rational Method
Index

DR, 2
DR_plot, 2
DR_stats, 3