Package 'IVYplot'

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Type Package

Title Produces an IVY Plot (Similar to Dot Plot) with/without Frequencies

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Description For a single variable, the IVY Plot stacks tied values in the form of leaflets. Five leaflets join to form a leaf. Leaves are stacked vertically. At most twenty leaves are shown; For high frequency, each leaflet may represent more than one observation with multiplicity declared in the subtitle.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports plyr

NeedsCompilation no

Repository CRAN

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Contents

IVYplot *IVY Plot*

Description

The function will draw an IVY Plot (similar to Dot Plot) with/without frequencies

Usage

```
IVYplot(
  data0,
  showFreq = TRUE,
  freqSize = 1,
  multiple = NULL,
  delta = 1,
  limA = NULL,
  limB = NULL
)
```

Arguments

data0	The data vector the user will input
showFreq	Option for the user to show the frequencies at each value or not. TRUE = show/FALSE = do not show. Default is TRUE
freqSize	The font size of the frequencies if the user wants to show the frequencies. Default is 1.0
multiple	The maximum number of observations each leaflet represents. Default is calculated to ensure at most 20 leaves at each value
delta	The gap between successive values. Default is 1
limA	The lower limit on the horizontal axis. Default is minimum of the values
limB	The upper limit on the horizontal axis. Default is maximum of the values

Value

Gives you an IVY plot

Examples

```
IVYplot(data0 = c(rpois(500, 10), 30, 30, 30), freqSize = 1.5, multiple = 3)
```

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