Package: VisualizeSimon2Stage (via r-universe)

November 16, 2026

Type Package

Title Visualize Simon's Two-Stage Design

Version 0.2.3

Date 2026-09-26

Description To visualize the probabilities of early termination, fail and success of Simon's two-stage design. To evaluate and visualize the operating characteristics of Simon's two-stage design.

License GPL-2

Encoding UTF-8

Language en-US

URL https://github.com/tingtingzhan/VisualizeSimon2Stage

Depends R (>= 4.6)

Imports methods, flextable, ggplot2, officer, geomtextpath, ggrepel, scales

Suggests clinfun, knitr, quarto, rmarkdown

VignetteBuilder quarto

Config/roxygen2/version 8.1.0

Config/roxygen2/markdown TRUE

NeedsCompilation no

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Config/pak/sysreqs cmake libfontconfig1-dev libfreetype6-dev libfribidi-dev make libharfbuzz-dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libuv1-dev libwebp-dev libxml2-dev libssl-dev

Repository https://tingtingzhan.r-universe.dev

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RemoteUrl https://github.com/cran/VisualizeSimon2Stage

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`VisualizeSimon2Stage-package` *VisualizeSimon2Stage: Visualize Simon's Two-Stage Design*

Description

To visualize the probabilities of early termination, fail and success of Simon's two-stage design. To evaluate and visualize the operating characteristics of Simon's two-stage design.

Author(s)

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See Also

Useful links:

- https://github.com/tingtingzhan/VisualizeSimon2Stage

`power_ph2simon` *Power of ph2simon or ph2simon4 Object*

Description

Power of ph2simon or ph2simon4 Object

Usage

```
power.ph2simon4(
  prob,
  object,
  ...,
  r1 = object@r1,
  n1 = object@n1,
  r = object@r,
  n = object@n
)
```

```
power.ph2simon(prob, object, ...)

powerCurve.ph2simon4(object, ...)

powerCurve.ph2simon(object, ...)
```

Arguments

`prob`	double scalar, true response rate p
`object`	a ph2simon or ph2simon4 object
`...`	parameters of function `ph2simon4()`, most importantly `type`
`r1`, `n1`, `r`, `n`	(optional) integer scalars, see ph2simon4.

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