Package ‘consortr’

May 8, 2026

Title Interactive Consort Flow Diagrams

Version 0.9.1

Description Shiny app for creating interactive consort flow diagrams and other types of flow diagrams, see Moher, Schulz and Altman (2001) <doi:10.1016/S0140-6736(00)04337-3>.

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Encoding UTF-8

RoxygenNote 7.1.1

Imports DiagrammeR, shiny, shinydashboard, tibble, dplyr, purrr, rlang, magrittr, data.table

NeedsCompilation no

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Repository CRAN

Date/Publication 2021-09-14 16:30:08 UTC

Contents

`consortr` *Shiny app for generating consort flow diagrams and other types of flow diagrams*

Description

A consort diagram graphically depicts the passage of participants through a randomized clinical trial. This app can be used to easily create consort diagrams, and to visualize any other process where criteria are applied in succession to a dataset and it is of interest to know how many rows of the dataset remain after the application of each criterion.

Usage

```
consortr()
```

Value

none

References

Moher, Schulz and Altman (2001) The CONSORT statement: revised recommendations for improving the quality of reports of parallel-group randomised trials. *Lancet* **357**, 1191-94.

`consort_from_metadata` *Function to generate consort diagrams*

Description

Function to generate consort diagrams

Usage

```
consort_from_metadata(metadata, data)
```

Arguments

`metadata`	Metadata downloaded from shiny app
`data`	Data uploaded to the app for generating consort diagram

Value

graph created by DiagrammeR (graph object of class dgr_graph)

Examples

```
data <- data.frame(a = c('m', 'm', 'n', 'n'),
                   b = c('p', 'p', 'q', 'q'))
metadata <- data.frame(label = c('All', "a=='m'"),
                       code = c(TRUE, "a=='m'"),
                       parent = c(0, 1),
                       color = c("black", "black"),
                       hidden = c(FALSE, FALSE),
                       split_var = c('a', NA))
consort_diagram <- consort_from_metadata(metadata, data)
```

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