Package ‘consortr’

September 14, 2021

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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R topics documented:

consortr ......................................................... 1
consort_from_metadata ....................................... 2

Index 3

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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


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**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**

```r
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)
```
Index

consort_from_metadata, 2
consortr, 1