Package: consortr (via r-universe)

October 18, 2024

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 https://dbackenroth.r-universe.dev

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

RemoteRef HEAD

RemoteSha b59a05a95e7cda4d72dc8100d4772aab6d975e06

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

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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