Package ‘ consortr ’

October 12, 2022

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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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.
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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