

Package ‘prismadiagramR’

July 23, 2025

Title Creates a Prisma Diagram using 'DiagrammeR'

Version 1.0.0

Description Creates 'PRISMA' <<http://prisma-statement.org/>> diagram from a minimal dataset of included and excluded studies and allows for more custom diagrams. 'PRISMA' diagrams are used to track the identification, screening, eligibility, and inclusion of studies in a systematic review.

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URL <https://github.com/ltrainstg/prismadiagramR>

BugReports <https://github.com/ltrainstg/prismadiagramR/issues>

Encoding UTF-8

LazyData true

Suggests testthat, knitr, rmarkdown, covr, flextable

RoxygenNote 7.1.0

VignetteBuilder knitr

Imports dplyr, DiagrammeR

Depends R (>= 2.10)

NeedsCompilation no

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Repository CRAN

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Contents

getPrisma	2
getPrismaFormat	2
studyStatus	3

Index	4
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getPrisma	<i>Create Prisma These functions create a PRISMA diagram from a simple dataframe keeping track of sources and filters It creates a DiagrammeR file run by grV</i>
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Description

Create Prisma These functions create a PRISMA diagram from a simple dataframe keeping track of sources and filters It creates a DiagrammeR file run by grV

Usage

```
getPrisma(studyStatus = NULL, prismaFormat = NULL)
```

Arguments

studyStatus	a dataframe that keeps track of
prismaFormat	how large to make the characters in the diagram

Value

prismaTemplate A text file use to make a PRISMA diagram.

Examples

```
prismaTemplate <- getPrisma(studyStatus)
prismaFormat <- getPrismaFormat(studyStatus)
prismaTemplate <- getPrisma(studyStatus, prismaFormat)
DiagrammeR::grViz(prismaTemplate)
```

getPrismaFormat	<i>Create Prisma These functions create a PRISMA diagram from a simple dataframe keeping track of sources and filters It creates a DiagrammeR file run by grV</i>
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Description

Create Prisma These functions create a PRISMA diagram from a simple dataframe keeping track of sources and filters It creates a DiagrammeR file run by grV

Usage

```
getPrismaFormat(studyStatus)
```

Arguments

studyStatus	a dataframe that keeps track of studies used.
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Value

prismaFormat A dataframe with information on how to make a PRISMA diagram.

Examples

```
prismaTemplate <- getPrisma(studyStatus)
prismaFormat <- getPrismaFormat(studyStatus)
prismaTemplate <- getPrisma(studyStatus, prismaFormat)
DiagrammeR::grViz(prismaTemplate)
```

studyStatus	<i>Prices of 50,000 round cut diamonds.</i>
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Description

A dataset containing one row per entry in the PRISMA diagram.

Usage

```
studyStatus
```

Format

A data frame with 10 rows and 4 variables:

- Pub.ID** Pubblication unique identifier
- Source** Source identifier
- Filter** Filter identifier

Index

* **datasets**

studyStatus, [3](#)

getPrisma, [2](#)

getPrismaFormat, [2](#)

studyStatus, [3](#)