

# Package ‘prismadiagramR’

May 9, 2026

**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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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)
```

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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)
```

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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** Publication unique identifier

**Source** Source identifier

**Filter** Filter identifier

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