

Package ‘MDSvis’

July 31, 2026

Title Plots of Multi Dimensional Scaling (MDS) results

Version 1.0.0

Description This package implements visulization of Multi Dimensional Scaling (MDS) results.

License GPL-3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

BugReports <https://github.com/UCLouvain-CBIO/MDSvis/issues>

URL <https://uclouvain-cbio.github.io/MDSvis>

biocViews FlowCytometry, QualityControl, DimensionReduction, MultidimensionalScaling, Software, Visualization

Depends R (>= 4.6)

Imports CytoMDS (>= 1.3.5), rlang, ggplot2, plotly, shiny, shinyjs, methods

Suggests knitr, rmarkdown, BiocStyle, HDCytoData, flowCore, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

git_url <https://git.bioconductor.org/packages/MDSvis>

git_branch RELEASE_3_23

git_last_commit fd24a09

git_last_commit_date 2026-04-28

Repository Bioconductor 3.23

Date/Publication 2026-07-30

Author Andrea Vicini [aut] (ORCID: <<https://orcid.org/0000-0001-9438-6909>>),
Philippe Hauchamps [aut, cre] (ORCID:
<<https://orcid.org/0000-0003-2865-1852>>),
Shabnam Zaman [ctb] (ORCID: <<https://orcid.org/0000-0001-5399-0130>>),
Laurent Gatto [aut] (ORCID: <<https://orcid.org/0000-0002-1520-2268>>)

Maintainer Philippe Hauchamps <philippe.hauchamps@uclouvain.be>

Contents

MDSvis	2
mdsvis_app	2

Index	4
--------------	----------

MDSvis	<i>MDSvis package</i>
--------	-----------------------

Description

MDSvis provides a shiny application for interactive visualisation of Multi Dimensional Scaling (MDS) results.

Author(s)

Maintainer: Philippe Hauchamps <philippe.hauchamps@uclouvain.be> ([ORCID](#))

Authors:

- Andrea Vicini <andrea.vicini@uclouvain.be> ([ORCID](#))
- Laurent Gatto <laurent.gatto@uclouvain.be> ([ORCID](#))

Other contributors:

- Shabnam Zaman <shabnam.zaman@uclouvain.be> ([ORCID](#)) [contributor]

See Also

[CytoMDS](#)

[mdsvis_app](#)

mdsvis_app	<i>Launch shiny app for MDS projection visualization</i>
------------	--

Description

Launch shiny app for MDS projection visualization

Usage

```
mdsvis_app(preLoadDemoDataset = FALSE)
```

Arguments

preLoadDemoDataset

if TRUE, pre-load the *Krieg_Anti_PD_I* dataset

Value

no return value

Examples

```
if (interactive()) {  
  mdsvis_app()  
}
```

Index

* **internal**

MDSvis, [2](#)

CytoMDS, [2](#)

MDSvis, [2](#)

MDSvis-package (MDSvis), [2](#)

mdsvis_app, [2](#), [2](#)