Package: ggsegAicha (via r-universe)

May 26, 2026

Title AICHA Atlas for the 'ggseg' Ecosystem

Version 2.0.1

Description AICHA (Atlas of Intrinsic Connectivity of Homotopic Areas) atlas for the 'ggseg' ecosystem. Provides a unified 'ggseg_atlas' object with both 2D polygon geometry and 3D vertex indices, for use with 'ggseg' and 'ggseg3d'.

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Encoding UTF-8

Depends R (>= 3.5)

Imports ggseg.formats

Suggests ggseg, ggseg3d, ggplot2, knitr, rmarkdown, testthat (>= 3.0.0), vdiffr

Remotes ggsegverse/ggseg

URL https://github.com/ggsegverse/ggsegAicha

BugReports https://github.com/ggsegverse/ggsegAicha/issues

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Config/testthat/edition 3

Config/pak/sysreqs libabsl-dev cmake libgdal-dev gdal-bin libgeos-dev libicu-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev

Repository https://ggsegverse.r-universe.dev

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RemoteUrl https://github.com/ggsegverse/ggsegAicha

RemoteRef HEAD

RemoteSha c71ae4e25c19d7fd5a5692281a87aed1ad2a3cbd

Contents

aicha *AICHA Atlas (Atlas of Intrinsic Connectivity of Homotopic Areas)*

Description

Brain atlas for the AICHA cortical parcellation with 342 regions. The original volumetric atlas in MNI space was projected to fsaverage using the CBIG lab's registration fusion. Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

Usage

```
aicha()
```

Value

A ggseg.formats::ggseg_atlas object (cortical).

References

Joliot M, Jobard G, Naveau M, Delcroix N, Petit L, Zago L, ... & Tzourio-Mazoyer N (2015). AICHA: An atlas of intrinsic connectivity of homotopic areas. *Journal of Neuroscience Methods*, 254, 46-59. doi:10.1016/j.jneumeth.2015.07.013

Examples

```
aicha()
## Not run: plot(aicha())
```

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