

Package: ggsegAicha (via r-universe)

August 13, 2024

Title aicha datasets for the ggseg-plotting tool

Version 0.0.1

Description This is a support package for the ggseg, and ggseg3d packages. It contains the aicha atlases to plot using functions from those two packages.

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Encoding UTF-8

RoxygenNote 7.1.1

Depends R (>= 3.5.0), ggseg, ggseg3d

LazyData true

LazyDataCompression xz

Suggests ggplot2, tidyr, knitr, rmarkdown, covr, testthat (>= 2.1.0), devtools

VignetteBuilder knitr

Repository <https://ggseg.r-universe.dev>

RemoteUrl <https://github.com/ggseg/ggsegAicha>

RemoteRef HEAD

RemoteSha c06628d8c358f005333b12320f04045a3efa5471

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aicha

aicha atlas

Description

The original volumetric atlas in MNI space was projected for fsaverage using the CBIG lab's registration fusion. This is not the complete aicha atlas, as it is missing subcortical areas defined by that atlas. FreeSurfer annot files for this parcellation was obtained from ([faskowitz/multiAtlasTT](#))

Usage

aicha

aicha_3d

Format

An object of class `brain_atlas` of length 4.

An object of class `ggseg3d_atlas` (inherits from `tbl_df`, `tbl`, `data.frame`) with 4 rows and 4 columns.

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. ([PubMed](#))

- aicha - aicha atlas
- aicha_3d - aicha 3d mesh atlas

Examples

```
data(aicha)
data(aicha_3d)
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