Package: ggsegAal (via r-universe)

August 28, 2024

Title aal 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 aal 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/ggsegAal

RemoteRef HEAD

RemoteSha 42a60c6b4c5d1d7f5c6fb9703659e5c137e0177e

Contents

`aal` *aal atlas*

Description

FreeSurfer annot files for this parcellation was obtained from (faskowit/multiAtlasTT) From the source repo: "We transformed the Arslan data, which is fs_LR 32k space, to fsaverage space, and then made .annot files in this space. For these data, we created arbitrary parcel names and LUT files. The LUT files here seem to have some weirdness in them regarding hemisphere assignments. Thus, these atlases are provided as a means to slice up the cortex. The names and correspondences of the LUT should be determined independently; not based on the LUT files provided here."

Usage

```
aal

aal_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

Rolls, E. T., Joliot, M., & Tzourio-Mazoyer, N. (2015). Implementation of a new parcellation of the orbitofrontal cortex in the automated anatomical labeling atlas. Neuroimage, 122, 1-5. (PubMed)

- aal - aal atlas
- aal_3d - aal 3d mesh atlas

Examples

```
data(aal)
data(aal_3d)
```

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