Package: ggsegTracula (via r-universe)

August 23, 2024

Title Tracula datasets for the ggseg-plotting tool

Version 1.0.1.002

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

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Encoding UTF-8

RoxygenNote 7.2.3

Depends R (>= 2.10)

LazyData true

Suggests ggseg, ggseg3d, ggplot2, tidyr, knitr, rmarkdown, covr,
testthat (>= 2.1.0), devtools

VignetteBuilder knitr

Remotes LCBC-UiO/ggseg, LCBC-UiO/ggseg3d

URL https://github.com/LCBC-UiO/ggsegTracula

BugReports https://github.com/LCBC-UiO/ggsegTracula/issues

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

RemoteUrl https://github.com/ggseg/ggsegTracula

RemoteRef HEAD

RemoteSha a31b2300145609a104bd4f1aab543148e5c95cd4

Contents

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tracula	*Automated probabilistic reconstruction of white-matter pathways*

Description

Automated probabilistic reconstruction of white-matter pathways

Usage

```
tracula
```

Format

A data.frame with 11341 observations and 11 variables

long coordinates for the x-axis

lat coordinates for the y-axis

area name of region

hemi dummy name of the hemisphere

side which side to view (sagittal)

label label name from Freesurfer

atlas name of the atlas

References

Yendiki et al. (2011) Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. Front. Neuroinform. 5:23. doi: 10.3389/fn-inf.2011.00023 (PubMed)

Examples

```
data(tracula)
```

---

tracula_3d	*White matter tract parcellations*

Description

White matter tract parcellations

Usage

```
tracula_3d
```

Format

An object of class ggseg3d_atlas (inherits from tbl_df, tbl, data.frame) with 1 rows and 4 columns.

References

Yendiki et al. (2011) Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. Front. Neuroinform. 5:23. doi: 10.3389/fn-inf.2011.00023 (PubMed)

Examples

```
data(tracula_3d)
```

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