

Package: ggsegDesterieux (via r-universe)

August 18, 2024

Title Desterieux 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 Desterieux atlases to plot using functions from those two packages.

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Encoding UTF-8

RoxygenNote 7.1.1

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/ggsegDesterieux>

BugReports <https://github.com/LCBC-UiO/ggsegDesterieux/issues>

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

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

RemoteRef HEAD

RemoteSha adf681b41265b9f942b4e935cb8112fbcfad2f28

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desterieux	<i>Desterieux cortical parcellations</i>
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Description

Polygon data for Desterieux cortical parcellations, also known as the aparc 2009 parcellations of Freesurfer

Usage

```
data(desterieux)
```

Format

A data.frame with 11341 observations and 11 variables

long coordinates for the x-axis
lat coordinates for the y-axis
region 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

Desterieux, Fischl, Dale, & Halgren (2010) Neuroimage. 53(1): 1–15. doi: 0.1016/j.neuroimage.2010.06.010 ([PubMed](#))

Examples

```
data(desterieux)
```

desterieux_3d	<i>Desterieux cortical parcellations</i>
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Description

MMesh data for Desterieux cortical parcellations, also known as the aparc 2009 parcellations of Freesurfer

Usage

```
data(desterieux_3d)
```

Format

A tibble with 4 observations and a nested data.frame

surf type of surface ('inflated' or 'white')

hemi hemisphere ('left' or 'right')

data data.frame of necessary variables for plotting

atlas String. atlas name

roi numbered region from surface

annot concatenated region name

label label 'hemi_annot' of the region

mesh list of meshes in two lists: vb and it

area name of area in full

colour HEX colour of region

References

Desterieux, Fischl, Dale, & Halgren (2010) Neuroimage. 53(1): 1–15. doi: 0.1016/j.neuroimage.2010.06.010
([PubMed](#))

Examples

```
data(desterieux_3d)
```

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