Package: ggsegYeo2011 (via r-universe)

August 30, 2024

Title Yeo 2011 Datasets for the 'ggseg'-Package

Version 1.0.2.002

Description This is a support package for the ggseg, and ggseg3d
packages. It contains the Yeo 2011 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

LazyDataCompression xz

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

VignetteBuilder knitr

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

URL https://github.com/LCBC-UiO/ggsegYeo2011

BugReports https://github.com/LCBC-UiO/ggsegYeo2011/issues

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

RemoteUrl https://github.com/ggseg/ggsegYeo2011

RemoteRef HEAD

RemoteSha ca66c59f852fd0c7fc1e4438858e90e49fcc9036

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yeo17   *Yeo 17 Resting-state Cortical Parcellations*

Description

Coordinate data for the resting-state networks of the Yeo 2011 17 networks.

Usage

```
data(yeo17)
```

Format

A data.frame with 8203 observations and 10 variables

long coordinates for the x-axis

lat coordinates for the y-axis

area name of network

hemi name of the hemisphere (left, right)

side which side to view (medial, lateral)

network network number (1:17)

label unique name to each node

atlas name of the atlas

References

Yeo et al. (2011) J. Neurophysiology 16(3):1125-1165 (PubMed)

See Also

Other ggseg_atlases: yeo7

Examples

```
data(yeo17)
```

---

yeo17_3d	*Yeo 17 Resting-state Cortical Parcellations*

Description

Mesh data for the resting-state networks of the Yeo 2011 17 networks.

Usage

```
data(yeo17_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

Yeo et al. (2011) J. Neurophysiology 16(3):1125-1165 (PubMed)

See Also

Other ggseg3d_atlases: yeo7_3d

Examples

```
data(yeo7_3d)
```

---

yeo7 *Yeo 7 Resting-state Cortical Parcellations*

Description

Coordinate data for the resting-state networks of the Yeo 2011 7 networks.

Usage

```
data(yeo7)
```

Format

A data.frame with 8203 observations and 10 variables

long coordinates for the x-axis

lat coordinates for the y-axis

area name of network

hemi name of the hemisphere (left, right)

side which side to view (medial, lateral)

network network number (1:7)

label unique name to each node

atlas name of the atlas

References

Yeo et al. (2011) J. Neurophysiology 16(3):1125-1165 (PubMed)

See Also

Other ggseg_atlases: yeo17

Examples

```
data(yeo7)
```

yeo7_3d *Yeo 7 Resting-state Cortical Parcellations*

Description

Mesh data for the resting-state networks of the Yeo 2011 7 networks.

Usage

```
data(yeo7_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

Yeo et al. (2011) J. Neurophysiology 16(3):1125-1165 (PubMed)

See Also

Other ggseg3d_atlases: yeo17_3d

Examples

```
data(yeo7_3d)
```

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