

# Package: ggsegBrainnetome (via r-universe)

August 29, 2024

**Title** Brainnetome 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 Brainnetome atlases to plot using functions from those two packages.

**License** MIT + file LICENSE

**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), devtools

**VignetteBuilder** knitr

**Remotes** ggseg/ggseg, ggseg/ggseg3d

**URL** <https://github.com/ggseg/ggsegBrainnetome>

**BugReports** <https://github.com/ggseg/ggsegBrainnetome/issues>

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

**RemoteUrl** <https://github.com/ggseg/ggsegBrainnetome>

**RemoteRef** HEAD

**RemoteSha** 1da6edec394663c50720b0e6e84a8490ebd60f33

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brainnetome

*Brainnetome atlas*

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### Description

The functional specialization of the human cingulate cortex analyzed by the resting-state functional connectivity (FC) of each subregion from a network perspective.

### Usage

```
brainnetome
```

### Format

An object of class `brain_atlas` of length 4.

### References

Yu C, Zhou Y, Liu Y, Jiang T, Dong H, Zhang Y, Walter M. Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. *Neuroimage*. 2011 Feb 14;54(4):2571-81. doi: 10.1016/j.neuroimage.2010.11.018. Epub 2010 Nov 10. PMID: 21073967. ([PubMed](#))

### Examples

```
data(brainnetome)
```

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brainnetome\_3d

*Brainnetome 3d atlas*

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### Description

The functional specialization of the human cingulate cortex analyzed by the resting-state functional connectivity (FC) of each subregion from a network perspective.

### Usage

```
brainnetome_3d
```

### Format

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

## **References**

Yu C, Zhou Y, Liu Y, Jiang T, Dong H, Zhang Y, Walter M. Functional segregation of the human cingulate cortex is confirmed by functional connectivity based neuroanatomical parcellation. *Neuroimage*. 2011 Feb 14;54(4):2571-81. doi: 10.1016/j.neuroimage.2010.11.018. Epub 2010 Nov 10. PMID: 21073967. ([PubMed](#))

## **Examples**

```
data(brainnetome_3d)
```

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