

# Package: ggsegGordon (via r-universe)

August 22, 2024

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

**License** MIT + file LICENSE

**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/ggsegGordon>

**RemoteRef** HEAD

**RemoteSha** 5f71d51d971d34c178dc40f2965c14d4a5eaabd3

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gordon

*gordon atlas*

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### Description

These parcels had highly homogenous RSFC patterns, indicating that they contained one unique RSFC signal; furthermore, the parcels were much more homogenous than a null model matched for parcel size when tested in two separate datasets. Several alternative parcellation schemes were tested this way, and no other parcellation was as homogenous as or had as large a difference compared with its null model. annot files were acquired from ([faskowitz/multiAtlasTT](#))

### Usage

gordon

gordon\_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

Gordon, E. M., Laumann, T. O., Adeyemo, B., Huckins, J. F., Kelley, W. M., & Petersen, S. E. (2014). Generation and evaluation of a cortical area parcellation from resting-state correlations. *Cerebral cortex*, 26(1), 288-303. Chicago ([PubMed](#))

- gordon - gordon atlas
- gordon\_3d - gordon 3d mesh atlas

### Examples

```
data(gordon)
data(gordon_3d)
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