Package: ggsegArslan (via r-universe)

May 27, 2026

Title Arslan Atlas for the 'ggseg' Ecosystem

Version 2.0.1

Description Arslan multi-level parcellation atlas for the 'ggseg' ecosystem. Provides a unified 'ggseg_atlas' object with both 2D polygon geometry and 3D vertex indices, for use with 'ggseg' and 'ggseg3d'.

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Encoding UTF-8

Depends R (>= 3.5)

Imports ggseg.formats

Suggests ggseg, ggseg3d, ggplot2, knitr, rmarkdown, testthat (>= 3.0.0), vdiffr

Remotes ggsegverse/ggseg

URL https://github.com/ggsegverse/ggsegArslan

BugReports https://github.com/ggsegverse/ggsegArslan/issues

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.3

Config/testthat/edition 3

Config/pak/sysreqs libabsl-dev cmake libgdal-dev gdal-bin libgeos-dev libicu-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev

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

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RemoteUrl https://github.com/ggsegverse/ggsegArslan

RemoteRef HEAD

RemoteSha 94e8765621772b2e551d6749a5ca6f5a8fbc4e2c

Contents

arslan *Arslan Multi-Level Parcellation Atlas*

Description

Brain atlas for the Arslan multi-level parcellation of the cerebral cortex using resting-state fMRI with 50 regions. Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

Usage

```
arslan()
```

Value

A ggseg.formats::ggseg_atlas object (cortical).

References

Arslan, S., & Rueckert, D. (2015, October). Multi-level parcellation of the cerebral cortex using resting-state fMRI. In International Conference on Medical Image Computing and Computer-Assisted Intervention (pp. 47-54). Springer, Cham. doi:10.1007/9783319245744_6

Examples

```
arslan()
## Not run: plot(arslan())
```

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