

Package: ggsegArslan (via r-universe)

October 12, 2026

Title Arslan Atlas for the 'ggseg' Ecosystem

Version 2.0.2

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), vdiff

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

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

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

RemoteRef HEAD

RemoteSha d1e49b5110b751455bd99feef31d922711546c24

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`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](https://doi.org/10.1007/9783319245744_6)

Examples

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

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