

# Package: ggsegSchaefer (via r-universe)

May 24, 2026

**Title** Schaefer Atlas for the 'ggsegverse' Ecosystem

**Version** 2.0.2

**Description** Schaefer cortical atlas for the 'ggseg' ecosystem.

Provides unified 'ggseg\_atlas' objects with both 2D polygon geometry and 3D vertex indices, for use with 'ggseg' and 'ggseg3d'. Includes 7-network and 17-network parcellations at resolutions from 100 to 1000 parcels.

**License** MIT + file LICENSE

**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/ggsegSchaefer>

**BugReports** <https://github.com/ggsegverse/ggsegSchaefer/issues>

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

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**Config/Needs/website** ggsegverse/ggseg.docs

**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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schaefer17_100	<i>Schaefer 17-Network 100-Parcel Atlas</i>
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### Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 100 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

### Usage

```
schaefer17_100()
```

### Value

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

### References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

**See Also**

Other `ggseg_atlases`: [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

**Examples**

```
schaefer17_100()
## Not run: plot(schaefer17_100())
```

---

schaefer17\_1000

*Schaefer 17-Network 1000-Parcel Atlas*


---

**Description**

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 1000 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

**Usage**

```
schaefer17_1000()
```

**Value**

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

**References**

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

**See Also**

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer17_1000()  
## Not run: plot(schaefer17_1000())
```

---

schaefer17\_200

*Schaefer 17-Network 200-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 200 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_200()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer17_200()  
## Not run: plot(schaefer17_200())
```

---

`schaefer17_300`*Schaefer 17-Network 300-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 300 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_300()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer17_300()  
## Not run: plot(schaefer17_300())
```

---

`schaefer17_400`*Schaefer 17-Network 400-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 400 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_400()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer17_400()  
## Not run: plot(schaefer17_400())
```

---

`schaefer17_500`*Schaefer 17-Network 500-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 500 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_500()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer17_500()  
## Not run: plot(schaefer17_500())
```

---

`schaefer17_600`*Schaefer 17-Network 600-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 600 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_600()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer17_600()  
## Not run: plot(schaefer17_600())
```

---

`schaefer17_700`*Schaefer 17-Network 700-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 700 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_700()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer17_700()  
## Not run: plot(schaefer17_700())
```

---

`schaefer17_800`*Schaefer 17-Network 800-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 800 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_800()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer17_800()  
## Not run: plot(schaefer17_800())
```

---

schaefer17_900	<i>Schaefer 17-Network 900-Parcel Atlas</i>
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---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 900 parcels aligned to 17 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer17_900()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer17_900()  
## Not run: plot(schaefer17_900())
```

---

`schaefer7_100`*Schaefer 7-Network 100-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 100 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_100()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_100()  
## Not run: plot(schaefer7_100())
```

---

`schaefer7_1000`*Schaefer 7-Network 1000-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 1000 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_1000()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`, `schaefer7_900()`

## Examples

```
schaefer7_1000()  
## Not run: plot(schaefer7_1000())
```

---

`schaefer7_200`*Schaefer 7-Network 200-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 200 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_200()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_200()  
## Not run: plot(schaefer7_200())
```

---

`schaefer7_300`*Schaefer 7-Network 300-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 300 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_300()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_300()  
## Not run: plot(schaefer7_300())
```

---

`schaefer7_400`*Schaefer 7-Network 400-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 400 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_400()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_400()
## Not run: plot(schaefer7_400())
```

---

`schaefer7_500`*Schaefer 7-Network 500-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 500 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_500()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_500()  
## Not run: plot(schaefer7_500())
```

---

`schaefer7_600`*Schaefer 7-Network 600-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 600 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_600()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_600()  
## Not run: plot(schaefer7_600())
```

---

schaefer7_700	<i>Schaefer 7-Network 700-Parcel Atlas</i>
---------------	--

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 700 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_700()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_800\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_700()  
## Not run: plot(schaefer7_700())
```

---

`schaefer7_800`*Schaefer 7-Network 800-Parcel Atlas*

---

## Description

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 800 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

## Usage

```
schaefer7_800()
```

## Value

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

## References

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

## See Also

Other `ggseg_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_900\(\)](#)

Other `cortical_atlases`: [schaefer17\\_100\(\)](#), [schaefer17\\_1000\(\)](#), [schaefer17\\_200\(\)](#), [schaefer17\\_300\(\)](#), [schaefer17\\_400\(\)](#), [schaefer17\\_500\(\)](#), [schaefer17\\_600\(\)](#), [schaefer17\\_700\(\)](#), [schaefer17\\_800\(\)](#), [schaefer17\\_900\(\)](#), [schaefer7\\_100\(\)](#), [schaefer7\\_1000\(\)](#), [schaefer7\\_200\(\)](#), [schaefer7\\_300\(\)](#), [schaefer7\\_400\(\)](#), [schaefer7\\_500\(\)](#), [schaefer7\\_600\(\)](#), [schaefer7\\_700\(\)](#), [schaefer7\\_900\(\)](#)

## Examples

```
schaefer7_800()  
## Not run: plot(schaefer7_800())
```

---

`schaefer7_900`*Schaefer 7-Network 900-Parcel Atlas*

---

**Description**

Brain atlas for the Schaefer et al. (2018) local-global parcellation of the human cerebral cortex with 900 parcels aligned to 7 resting-state networks (Yeo et al., 2011). Contains both 2D polygon geometry for `ggseg::geom_brain()` and 3D vertex indices for `ggseg3d::ggseg3d()`.

**Usage**

```
schaefer7_900()
```

**Value**

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

**References**

Schaefer A, et al. (2018). "Local-Global Parcellation of the Human Cerebral Cortex from Intrinsic Functional Connectivity MRI." *Cerebral Cortex*, 28(9):3095-3114. doi:10.1093/cercor/bhx179

**See Also**

Other `ggseg_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`

Other `cortical_atlases`: `schaefer17_100()`, `schaefer17_1000()`, `schaefer17_200()`, `schaefer17_300()`, `schaefer17_400()`, `schaefer17_500()`, `schaefer17_600()`, `schaefer17_700()`, `schaefer17_800()`, `schaefer17_900()`, `schaefer7_100()`, `schaefer7_1000()`, `schaefer7_200()`, `schaefer7_300()`, `schaefer7_400()`, `schaefer7_500()`, `schaefer7_600()`, `schaefer7_700()`, `schaefer7_800()`

**Examples**

```
schaefer7_900()  
## Not run: plot(schaefer7_900())
```

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