Resource Summary Report

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Stereoscopic Atlas of Intrinsic Brain Networks

RRID:SCR_002568
Type: Tool

Proper Citation

Stereoscopic Atlas of Intrinsic Brain Networks (RRID:SCR_002568)

Resource Information

URL: http://www.nitrc.org/projects/saibn/

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Description: A 3D stereoscopic (anaglyph method) full brain functional connectivity atlas created using a parcellation atlas published by Craddock et al. (2012). Using 3D Slicer 3.6.3 and the two hundred Region of Interest (ROI) version of the Craddock atlas, 200 grayscale surface models were created using a z-stat threshold > 2.3, and each surface model was processed with a surface decimation algorithm, smoothed with the Taubin algorithm and without surface normals. For improved visualization of the functional connectivity networks and their relative anatomical position, the surface model of five subcortical anatomical structures (corpus callosum, bilateral caudate, pallidum, putamen, thalamus, amygdala and hippocampus) were included in SAIBN. These surfaces were created with 3D Slicer using the segmentation computed with Freesurfer v. 5.1. The viewer should use red-cyan glasses to see the 3D stereoscopic effect using 3D Slicer (version 3.6.3, http://www.slicer.org/pages/Special:SlicerDownloads).

Abbreviations: SAIBN

Synonyms: Stereoscopic Atlas of Intrinsic Brain Networks (SAIBN)

Resource Type: atlas, data or information resource

Keywords: magnetic resonance, corpus callosum, bilateral caudate, pallidum, putamen, thalamus, amygdala, hippocampus

Funding:

Availability: Free

Resource Name: Stereoscopic Atlas of Intrinsic Brain Networks

Resource ID: SCR_002568

Alternate IDs: nlx_155970

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250412T054718+0000

Ratings and Alerts

No rating or validation information has been found for Stereoscopic Atlas of Intrinsic Brain Networks.

No alerts have been found for Stereoscopic Atlas of Intrinsic Brain Networks.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Rojas GM, et al. (2014) Stereoscopic three-dimensional visualization applied to multimodal brain images: clinical applications and a functional connectivity atlas. Frontiers in neuroscience, 8, 328.