

Resource Summary Report

Generated by ASWG on Aug 4, 2026

ICN_Atlas

RRID:SCR_015890

Type: Tool

Proper Citation

ICN_Atlas (RRID:SCR_015890)

Resource Information

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

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Description: Software toolbox for SPM that is aimed at facilitating the interpretation of fMRI data in the context of intrinsic connectivity networks (ICNs) by describing fMRI maps in function-oriented, objective and quantitative way using a set of 15 metrics conceived to quantify the degree of 'engagement' of ICNs for any given statistical map of interest. Besides the functionally-derived atlas capabilities (based on the BrainMap ICN data) the toolbox provides anatomy-based atlas (based on the JHU and Brainnetome Atlas data), as well.

Resource Type: software toolkit, software resource

Keywords: fmri, icn, intrinsic, connectivity, network, map, statistic, atlas, toolbox, activation, pattern

Funding: UK Department of Health ;
National Development Agency of Hungary TÁMOP 4.2.1.B-09/1/KMR-2010-0001;
Hungarian Academy of Sciences ;
Hungarian National Brain Research Program KTIA_NAP_13-1-2013-0001;
MRC G0301067;
Action Medical Research SP4646

Availability: Free, Non-commercial use

Resource Name: ICN_Atlas

Resource ID: SCR_015890

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Record Creation Time: 20220129T080327+0000

Record Last Update: 20260803T040715+0000

Ratings and Alerts

No rating or validation information has been found for ICN_Atlas.

No alerts have been found for ICN_Atlas.

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 [ASWG](#) .

Kozák LR, et al. (2017) ICN_Atlas: Automated description and quantification of functional MRI activation patterns in the framework of intrinsic connectivity networks. NeuroImage, 163, 319.