

Resource Summary Report

Generated by SPARC SAWG on Aug 8, 2026

Region to Region

RRID:SCR_016995

Type: Tool

Proper Citation

Region to Region (RRID:SCR_016995)

Resource Information

URL: http://www.nitrc.org/projects/r2r_prf/

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Description: Software tool as a framework for fitting and describing connectivity patterns between regions that is a simple extension from the current population receptive field models in the visual neuroscience literature. The connectivity from each voxel in a designated seed region to a mapping region is modeled as a 3-dimensional Gaussian, providing location parameters and spread parameters. This allows the direct description of the relative mapping from one region to another.

Synonyms: 3-D Connective Field Modeling Toolbox

Resource Type: software resource, software application, data processing software

Keywords: connectivity, pattern, region, neuroinformatics, region, receptive, field, model, visual, neuroscience, voxel, mapping, 3D, parameter

Availability: Free, Available for download, Freely available

Resource Name: Region to Region

Resource ID: SCR_016995

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260808T190317+0000

Ratings and Alerts

No rating or validation information has been found for Region to Region .

No alerts have been found for Region to Region .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Liu H, et al. (2026) C9orf72 hexanucleotide repeat RNA drives transcriptional dysregulation through genome-wide DNA:RNA hybrid G-quadruplexes. *Neuron*, 114(6), 1045.

O'Rawe JF, et al. (2020) Topographic Mapping as a Basic Principle of Functional Organization for Visual and Prefrontal Functional Connectivity. *eNeuro*, 7(1).