Resource Summary Report

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Spatial Analysis 3D

RRID:SCR_002563
Type: Tool

Proper Citation

Spatial Analysis 3D (RRID:SCR_002563)

Resource Information

URL: http://labs.nri.ucsb.edu/reese/benjamin/SA3D.html

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Description: A user-friendly, graphical user interface (GUI) that allows statistical and visual manipulations of real and simulated three-dimensional spatial point patterns. The analyses use files containing sets of X, Y, Z coordinates. These point patterns are frequently coordinates of cells of specific cell classes within in volumes of tissue derived from microscopy analyses. The analyses are scale independent so spatial analyses of coordinates from larger and smaller scale distributions are possible. The software can also generate sample sets of X, Y, Z coordinates for program exploration and modeling purposes.

Abbreviations: SA3D

Resource Type: software resource, software application

Defining Citation: PMID:18644136

Keywords: eeg, meg, electrocorticography, matlab, modeling, magnetic resonance, position, quantification, simulation, statistical operation, cell, microscopy

Funding: NIMH MH-069997;
NEI EY-011087

Availability: GNU General Public License

Resource Name: Spatial Analysis 3D

Resource ID: SCR_002563

Alternate IDs: nlx_155969

Alternate URLs: http://www.nitrc.org/projects/sa3d

Record Creation Time: 20220129T080214+0000

Record Last Update: 20250519T204901+0000

Ratings and Alerts

No rating or validation information has been found for Spatial Analysis 3D.

No alerts have been found for Spatial Analysis 3D.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.