

# Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

## 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>

**Proper Citation:** Spatial Analysis 3D (RRID:SCR\_002563)

**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:** Free, Available for download, Freely available

**Resource Name:** Spatial Analysis 3D

**Resource ID:** SCR\_002563

**Alternate IDs:** nlx\_155969

**Alternate URLs:** <http://www.nitrc.org/projects/sa3d>

**License:** GNU General Public License

**Record Creation Time:** 20220129T080214+0000

**Record Last Update:** 20260801T191045+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.