# **Resource Summary Report**

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# <u>spdep</u>

RRID:SCR\_019294 Type: Tool

**Proper Citation** 

spdep (RRID:SCR\_019294)

### **Resource Information**

URL: https://CRAN.R-project.org/package=spdep

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**Description:** Software R package as collection of functions to create spatial weights matrix objects from polygon contiguities, from point patterns by distance and tessellations, for summarizing these objects, and for permitting their use in spatial data analysis, including regional aggregation by minimum spanning tree.

Synonyms: Spatial Dependence: Weighting Schemes and Statistics, spatial dependence

**Resource Type:** software toolkit, data analysis software, software application, data processing software, software resource

**Keywords:** Spatial weights matrix objects, spatial dependence, weighting schemes, spatial weights, matrix objects

#### Funding:

Availability: Free, Available for download, Freely available

Resource Name: spdep

Resource ID: SCR\_019294

Alternate URLs: https://github.com/r-spatial/spdep/

License: GPL v3

Record Creation Time: 20220129T080344+0000

Record Last Update: 20250508T065925+0000

## **Ratings and Alerts**

No rating or validation information has been found for spdep.

No alerts have been found for spdep.

## 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 <u>dkNET</u>.

Bassiouni R, et al. (2023) Spatial Transcriptomic Analysis of a Diverse Patient Cohort Reveals a Conserved Architecture in Triple-Negative Breast Cancer. Cancer research, 83(1), 34.