



## Developed Spatial Analysis Toolkit

Package	Description	Source Code	Language
gdverse	Analysis of Spatial Stratified Heterogeneity	<a href="https://github.com/stscl/gdverse">https://github.com/stscl/gdverse</a>	R, C++, Python
sesp	Spatially Explicit Stratified Power	<a href="https://github.com/stscl/sesp">https://github.com/stscl/sesp</a>	R, C++
sshicm	Information Consistency-Based Measures for Spatial Stratified Heterogeneity	<a href="https://github.com/stscl/sshicm">https://github.com/stscl/sshicm</a>	C++, R
spEDM	Spatial Empirical Dynamic Modeling	<a href="https://github.com/stscl/spEDM">https://github.com/stscl/spEDM</a>	C++, R
geocomplexity	Mitigate Spatial Bias Through Geographical Complexity	<a href="https://github.com/ausgis/geocomplexity">https://github.com/ausgis/geocomplexity</a>	C++, R, C
cisp	A Correlation Indicator Based On Spatial Patterns	<a href="https://github.com/stscl/cisp">https://github.com/stscl/cisp</a>	R
geosimilarity	Geographically Optimal Similarity	<a href="https://github.com/ausgis/geosimilarity">https://github.com/ausgis/geosimilarity</a>	R
GD	Geographical Detectors for Assessing Spatial Factors	<a href="https://github.com/ausgis/GD">https://github.com/ausgis/GD</a>	R
sdsfun	Spatial Data Science Complementary Features	<a href="https://github.com/stscl/sdsfun">https://github.com/stscl/sdsfun</a>	R, C++
geocn	Loads Spatial Data Sets of China	<a href="https://github.com/stscl/geocn">https://github.com/stscl/geocn</a>	R
qgisprocess	R package to use QGIS processing algorithms	<a href="https://github.com/r-spatial/qgisprocess">https://github.com/r-spatial/qgisprocess</a>	R
spEcula	Spatial Prediction Methods In R	<a href="https://github.com/SpatLyu/spEcula">https://github.com/SpatLyu/spEcula</a>	R
tidyrgeoda	A tidy interface for rgeoda	<a href="https://github.com/SpatLyu/tidyrgeoda">https://github.com/SpatLyu/tidyrgeoda</a>	R