

# Package ‘GeoWeightedModel’

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**Type** Package

**Title** User-Friendly Interface for Geographically-Weighted Models

**Version** 1.0.3

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**Description** Contains the development of a tool that provides a web-based graphical user interface (GUI) to perform Techniques from a subset of spatial statistics known as geographically weighted (GW) models. Contains methods described by Brunson et al., 1996 <[doi:10.1111/j.1538-4632.1996.tb00936.x](https://doi.org/10.1111/j.1538-4632.1996.tb00936.x)>, Brunson et al., 2002 <[doi:10.1016/s0198-9715\(01\)00009-6](https://doi.org/10.1016/s0198-9715(01)00009-6)>, Harris et al., 2011 <[doi:10.1080/13658816.2011.554838](https://doi.org/10.1080/13658816.2011.554838)>, Brunson et al., 2007 <[doi:10.1111/j.1538-4632.2007.00709.x](https://doi.org/10.1111/j.1538-4632.2007.00709.x)>.

**License** GPL-3

**BugReports** <https://github.com/JavierDeLaHoz/GeoWeightedModel/issues>

**Imports** bepr, cartography, dplyr, DT, GWmodel, raster, readxl, shiny, shinyalert, shinyBS, shinybusy, shinydashboard, shinyjs, shinyWidgets, sp, spdep

**Suggests** knitr, rmarkdown

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**NeedsCompilation** no

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**Repository** CRAN

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runGeoWeightedModel *Shiny GUI for GeoWeightedModel package*

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### Description

runGeoWeightedModel() loads interactive user interface built using R 'shiny'.

### Usage

```
runGeoWeightedModel(host = "127.0.0.1", port = NULL, launch.browser = TRUE)
```

### Arguments

host	The IPv4 address that the application should listen on. Defaults to the shiny.host option, if set, or "127.0.0.1" if not.
port	is the TCP port that the application should listen on. If the port is not specified, and the shiny.port option is set (with options(shiny.port = XX)), then that port will be used. Otherwise, use a random port.
launch.browser	If true, the system's default web browser will be launched automatically after the app is started. Defaults to true in interactive sessions only. This value of this parameter can also be a function to call with the application's URL.

### Details

The interactive user interface to provide an easy way for to perform techniques from a subset of spatial statistics known as geographically weighted models.

### Value

No return value

### Examples

```
if(interactive()){  
  runGeoWeightedModel()  
}
```

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