

Package ‘GeoWeightedModel’

July 21, 2025

Type Package

Title User-Friendly Interface for Geographically-Weighted Models

Version 1.0.3

Maintainer Javier De La Hoz Maestre <jdelahozmaestre@gmail.com>

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

Author Javier De La Hoz Maestre [cre, aut] (ORCID: <<https://orcid.org/0000-0001-7779-0803>>),
María José Fernández Gómez [aut] (ORCID: <<https://orcid.org/0000-0002-5530-6416>>),
Susana Mendez [aut] (ORCID: <<https://orcid.org/0000-0001-9681-3169>>)

Repository CRAN

Date/Publication 2024-02-11 23:10:08 UTC

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runGeoWeightedModel *Shiny GUI for GeoWeightedModel package*

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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