Package 'GeoWeightedModel'

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 Brunsdon et al., 1996 <doi:10.1111/j.1538-4632.1996.tb00936.x>, Brunsdon et al., 2002 <doi:10.1016/s0198-9715(01)00009-6>, Harris et al., 2011 <doi:10.1080/13658816.2011.554838>, Brunsdon et al., 2007 <doi:10.1111/j.1538-4632.2007.00709.x>.

License GPL-3

BugReports https://github.com/JavierDeLaHoz/GeoWeightedModel/issues

Imports beepr, 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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R topics documented:

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 ofthis
                 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()
}
```

Index