

# Package ‘stmgui’

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**Type** Package

**Title** Shiny Application for Creating STM Models

**Version** 0.1.6

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**Description** Provides an application that acts as a GUI for the 'stm' text analysis package.

**Depends** stm, markdown, shinyjs, shinythemes, tm

**Imports** shiny, shinyBS

**LazyData** yes

**License** MIT + file LICENSE

**RoxygenNote** 5.0.1

**Suggests** testthat

**NeedsCompilation** no

**Repository** CRAN

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`stmgui-package`*Shiny Application for Creating STM Models*

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**Description**

Provides an application that acts as a GUI for the 'stm' text analysis package.

**Details**

stmgui is a simple Shiny application that makes it easy to work with the stm text processing package. Simply run `runStmGui()` to launch the application.

The application intends to make it easy to perform the end-to-end process for creating an stm model with visualizations.

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**References**

See the [stm](#) documentation for more details and usage

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`gadarian`*Gadarian and Albertson data*

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**Description**

This data set contains variables from Gadarian and Albertson (2014). Taken from the [stm](#) package.

The experiment had those in the treatment condition write about what made them anxious about immigration. The control condition just had subjects write about immigration.

**Usage**

```
data(gadarian)
```

**Format**

A data frame with 351 observations on the following variables.

`MetaID` a numeric vector containing identification numbers; not used for analysis

`treatment` a numeric vector indicating treatment condition

`pid_rep` a numeric vector of party identification

`open.ended.response` a character vector of the subject's open ended response

**Source**

Gadarian, Shana Kushner, and Bethany Albertson. "Anxiety, immigration, and the search for information." *Political Psychology* 35.2 (2014): 133-164. Roberts, Margaret E., Brandon M. Stewart, Dustin Tingley, Christopher Lucas, Jetson Leder-Luis, Shana Kushner Gadarian, Bethany Albertson, and David G. Rand. "Structural Topic Models for Open-Ended Survey Responses." *American Journal of Political Science* 58, no 4 (2014): 1064-1082.

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`runStmGui`*Helper function to launch the stm shiny app*

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**Description**

`runStmGui` launches the shiny app to help with walking through the creation of stm models

**Usage**

```
runStmGui()
```

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