














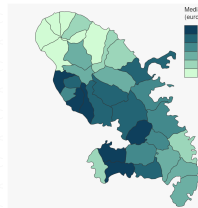




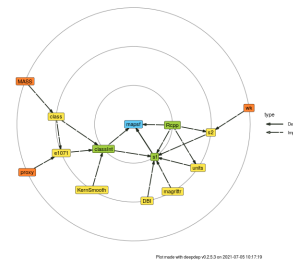
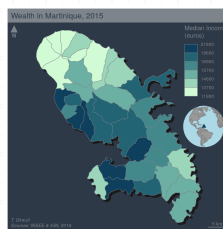
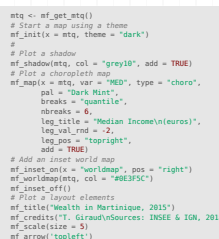
map type	type	data	polygon	point	line
Base Map	"base"	geometry			
Proportional Symbols	"prop"	stock			
Typology	"type"	category			
Choropleth	"chora"	ratio			
Graduated Symbols	"grad"	stock			



## 5/21



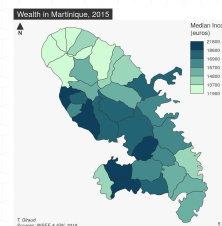
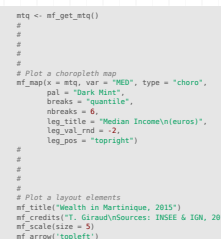
## 9/21



## ?mf\_map(

Arguments	
<code>s</code>	object of class <code>sf</code> or <code>sfc</code>
<code>var</code>	name of the variable to plot
<code>type</code>	one of <code>"point"</code> , <code>"choropleth"</code> , <code>"lines"</code> , <code>"geom"</code> , <code>"rings"</code> , <code>"choropleth"</code> , <code>"point_type"</code> , <code>"rings_type"</code>
<code>breaks</code>	number of classes within the actual breaks, or a classification method name
<code>breaks.col</code>	number of names
<code>breaks.lab</code>	list of colors or palette name (from <code>hcl.colors()</code> )
<code>alpha</code>	<code>alpha</code> is a histogram palette name, the <code>alpha</code> -transparency level for the squares [0,1]
<code>inches</code>	size of the largest symbol (radius for circles, half width for ranges) in inches
<code>symbol</code>	maximum value used for proportional symbols
<code>col</code>	type of symbols, <code>"circle"</code> or <code>"square"</code>
<code>col.col</code>	color
<code>lwd</code>	line width of the largest line
<code>order</code>	when <code>order</code> is a character vector that matches var modalities
<code>border</code>	col for symbols
<code>border.col</code>	col for symbols
<code>border.lwd</code>	border width
<code>bg</code>	background color
<code>col.na</code>	col for missing values
<code>col.na</code>	col for NA values
<code>col.na</code>	col for NA values
<code>leg_pos</code>	position of the legend, one of <code>"topright"</code> , <code>"top", "topleft", "right", "bottomright", "bottom", "bottomleft", "left"</code> . If a vector of two coordinates in <code>map_data_sf</code> (e.g. <code>leg_pos = c(10, 10)</code> ) the legend is not plotted.
<code>leg.title</code>	legend title
<code>leg.title.size</code>	size of the legend title
<code>leg.val.col</code>	color of the values in the legend
<code>leg.val.lwd</code>	number of decimal places of the values in the legend
<code>leg.no_data</code>	label of missing values
<code>leg.frame</code>	whether to add a frame to the legend (TRUE) or not (FALSE)
<code>leg.frame.col</code>	whether to add the line to wrap legend (TRUE) or not (FALSE)
<code>leg.frame.lwd</code>	further parameters from <code>ggplot2</code> for <code>sf</code> objects

## 6/2

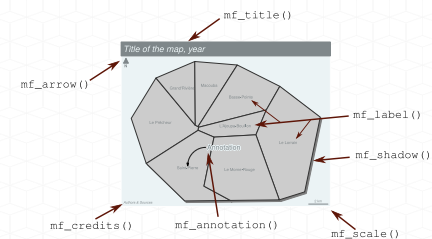


## 3/21

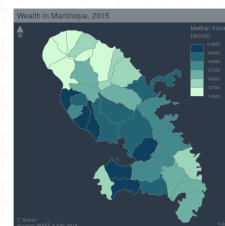
`mf_map()` is the main function of the package.

```
mf_map(x = sf_object,
       var = "variable",
       type = "map type",
       ...)
```

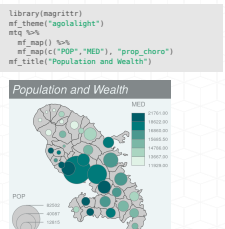
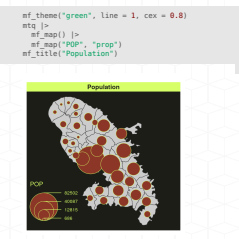
## Map layout



## 4/21



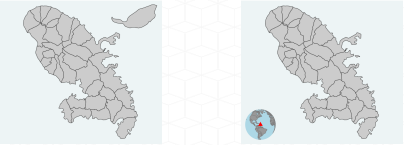
## 12/21



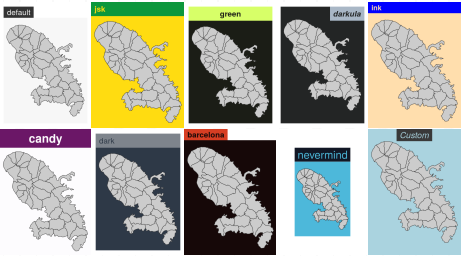
Insets

```
mf_map(mtg)
mf_inset_on(x = mtg[1, ], cex = .3)
mf_map(mtg[1, ])
mf_inset_off()
```

```
mf_map(mtg)
mf_inset_on(x = "worldmap", pos = "bottomleft")
mf_worldmap(x = mtg)
mf_inset_off()
```



Themes



<https://riatelab.github.io/mapsf/>

mapsf

Create and integrate thematic maps in your R workflow. This package helps to design various cartographic representations such as proportional symbols, choropleth or legend maps. It also offers several functions to styling layout elements that improve the graphic presentation of maps (e.g. scale bar, north arrow, etc.). **mapsf** maps R objects on basic graphics.

Installation

You can install the released version of mapsf from CRAN with:  
`install.packages("mapsf")`  
Alternatively, you can install the development version of mapsf from GitHub with:  
`remotes::install_github("riatelab/mapsf")`

Usage

This is a basic example which shows how to create a map with mapsf.

Links

Download from CRAN at <https://cran.r-project.org/web/packages/mapsf/index.html>  
Browse source code at <https://github.com/riatelab/mapsf>  
Report a bug at <https://github.com/riatelab/mapsf/issues>

License

GPL-3

Developers

Touchee Girard  
Maintainer: author  
All authors...



Dev status

Stable version: 0.1.0  
Development version: 0.1.1

Vignettes

- [Introduction and examples](#)
- [How to Export Maps](#)
- [How to Create Inset Maps](#)
- [How to Use Themes](#)

Thank You

-  [riatelab.github.io/mapsf](https://riatelab.github.io/mapsf)
-  [github.com/rCarto/user2021](https://github.com/rCarto/user2021)
-  [github.com/riatelab/mapsf](https://github.com/riatelab/mapsf)
-  [@rgeomatic](https://twitter.com/rgeomatic)
-  [rgeomatic.hypotheses.org](https://rgeomatic.hypotheses.org)