

Report on Gun Murders

Rafael Irizarry

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Introduction

This is a report on 2010 gun murder rates obtained from FBI reports. The original data was obtained from this Wikipedia page.

We are going to use the following library:

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.0 --
```

```
## v ggplot2 3.3.2    v purrr  0.3.4
## v tibble  3.0.4    v dplyr  1.0.2
## v tidyr   1.1.2    v stringr 1.4.0
## v readr   1.4.0    v forcats 0.5.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

and load the data we already wrangled:

```
load("rda/murders.rda")
```

Murder rate by state

We note the large state to state variability by generating a barplot showing the murder rate by state:

