

# Plots - readmission\_\_30d

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## Imports

```
library(tidyverse)
library(yaml)
```

## Loading data

```
load('../dataset/processed_data.RData')
load('../dataset/processed_dictionary.RData')

columns_list <- yaml.load_file("./auxiliar/columns_list.yaml")

outcome_column <- params$outcome_column

df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.character)
df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.integer)
```

## Plots

```
df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], factor)

for (column in columns_list$numerical_columns){
  if (mean(is.na(df[[column]])) > 0.95 | length(unique(df[[column]])) < 10) next

  df %>%
    ggplot(aes_string(x = outcome_column, y = column)) +
    geom_boxplot(outlier.alpha = 0.1) +
    theme_grey() -> p

  print(p)
}
```

























