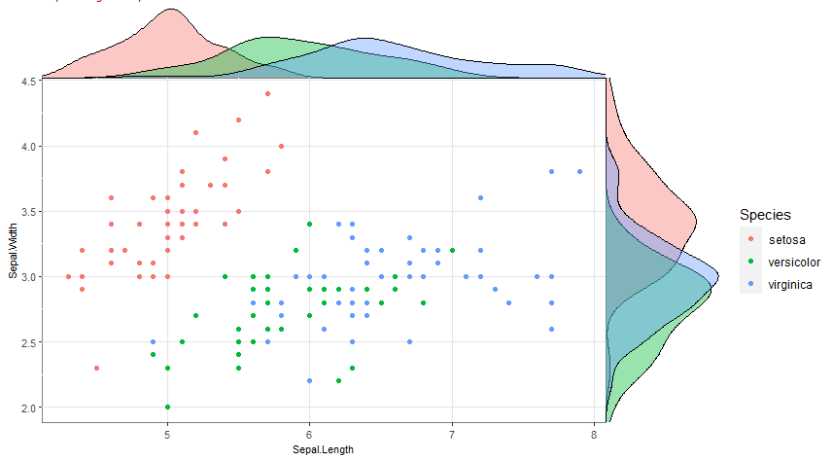


# Scatterplot with multiple densities

## Scatterplot with marginal densities

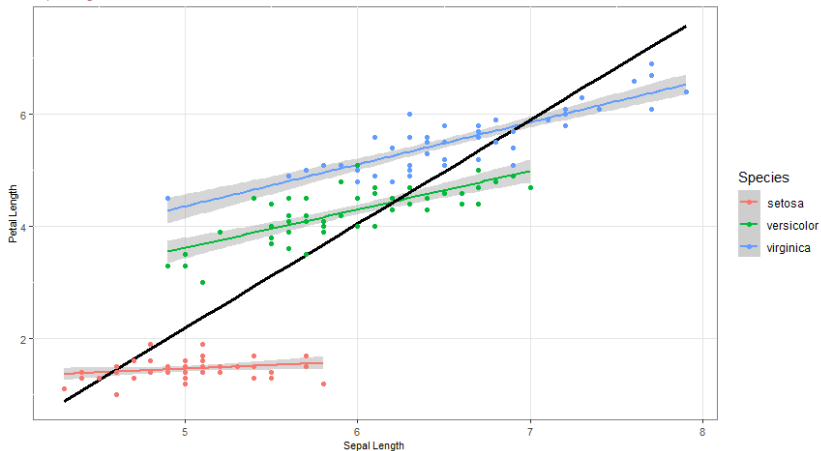
*Sepal.Length x Sepal.Width from Iris dataset*



# Scatterplot with multiple regression lines

Scatterplot with different regression lines

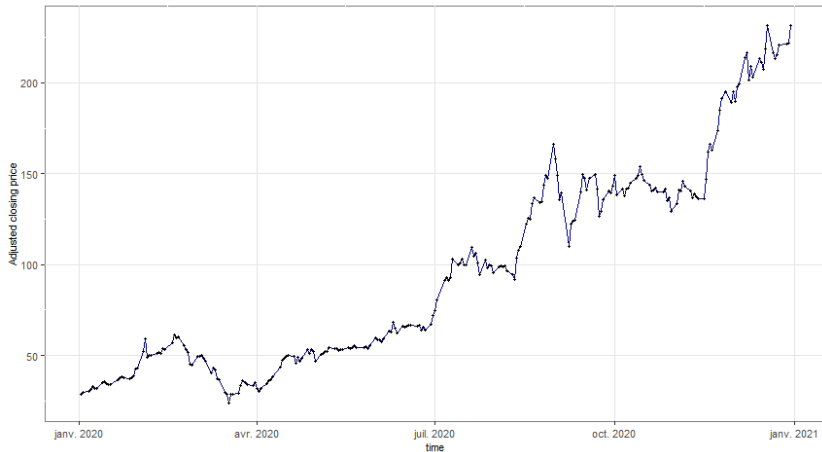
*Sepal.Length x Petal.Width from Iris dataset*



# Plot of time series data

Time series plot

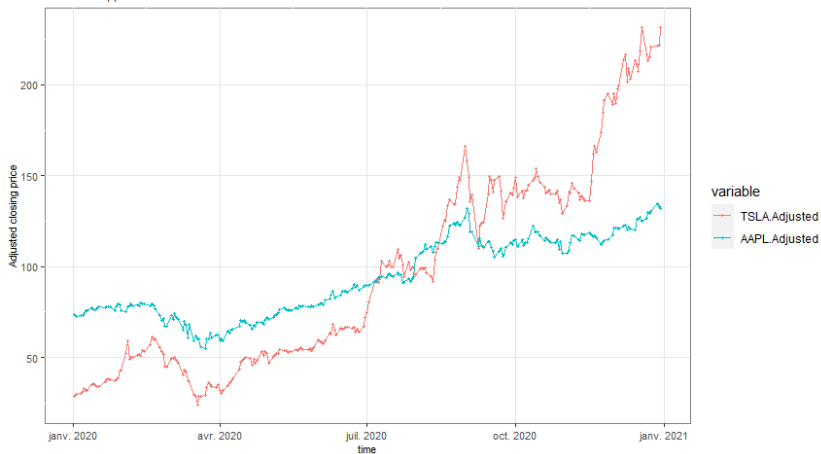
*Tesla stock*



# Multiple time series

## Multiple time series plot

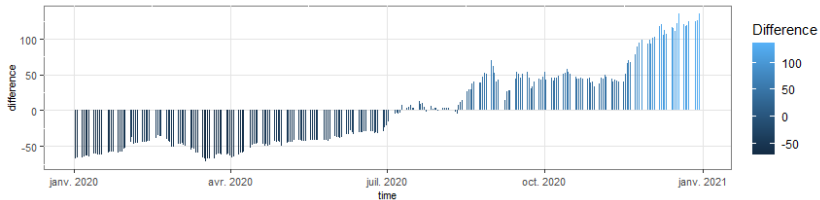
*Tesla and Apple stocks*



# Diverging bar plot

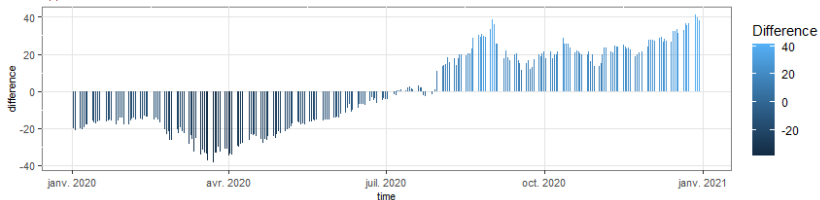
Diverging time series bar plot

*Tesla*



Diverging time series bar plot

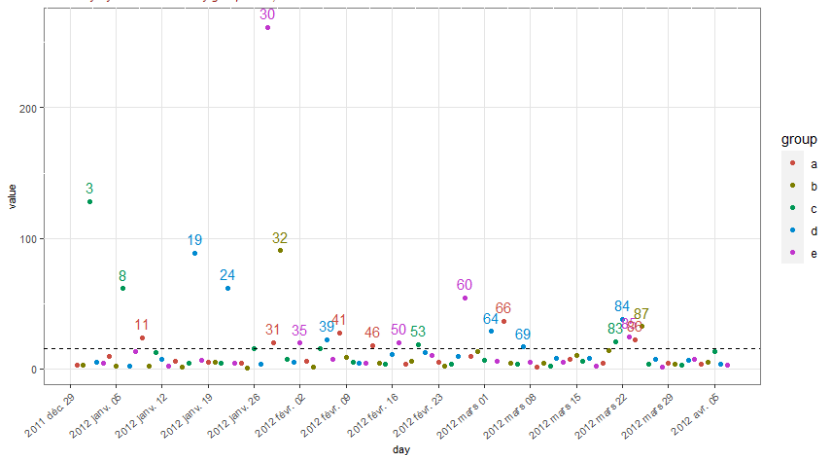
*Apple*



# Time data with selected labels

## Time data with labels above average

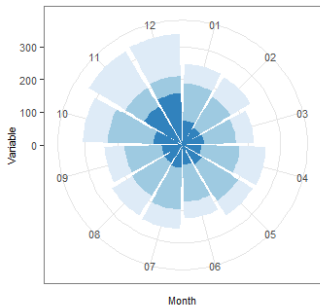
*variable y by month colored by group label, on artificial dataset*



# Circular stacked bar plot

Circular stacked bar plot 1

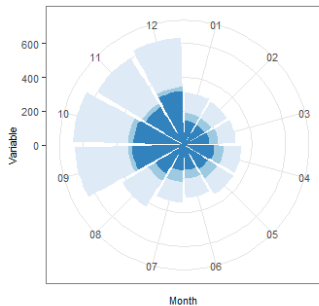
*Variable x Month on artificial dataset*



Artificial dataset 2019

Circular stacked bar plot 2

*Variable x Month on artificial dataset*

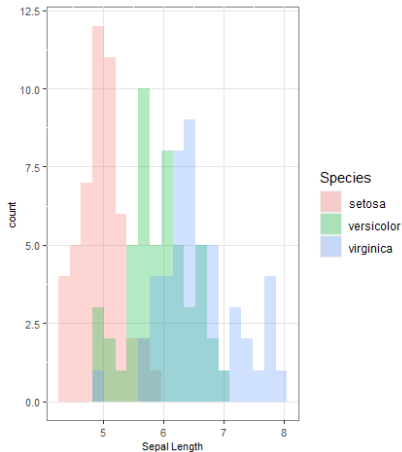


Artificial dataset 2020

# Overlaying histograms

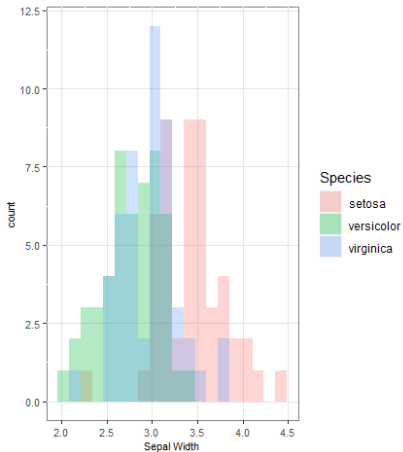
Overlaying histogram 2

*iris dataset*



Overlaying histogram 1

*iris dataset*

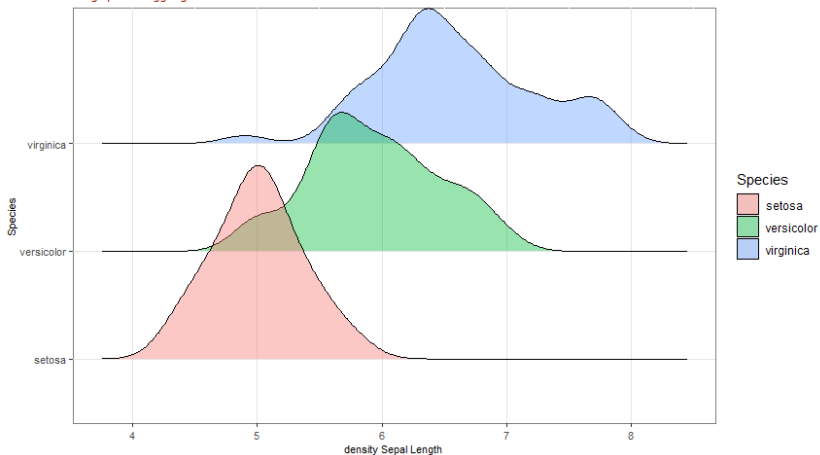




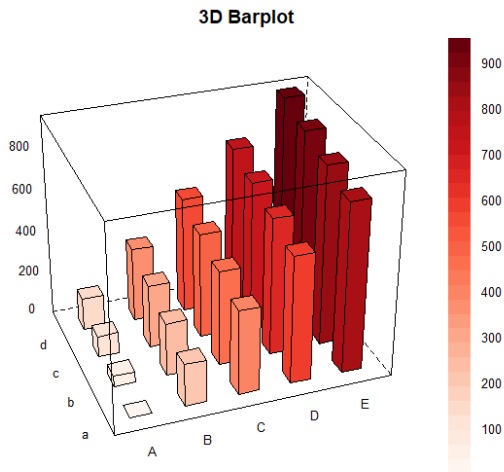
# Ridge plot with 'gggridges'

## Multiple densities on different levels

*Ridge plot with gggridges on iris dataset*



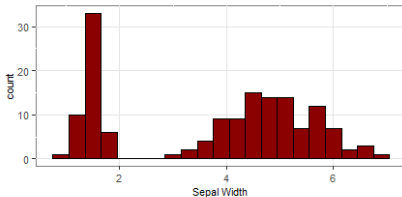
## 3D bar plot



# Histograms and Kernel Density Estimators (KDE)

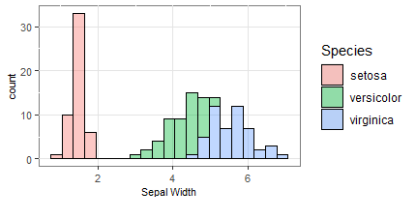
Histogram of Sepal Width

*iris dataset*



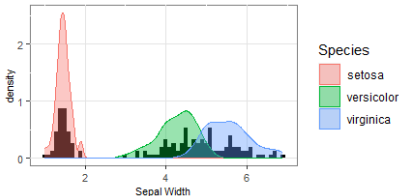
Histogram by Species

*iris dataset*



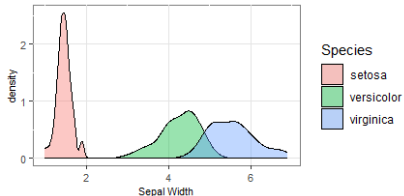
Histogram with overlying densities by Species

*iris dataset*



Densities by Species

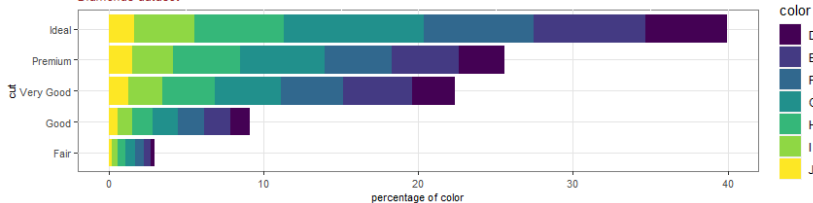
*iris dataset*



# Stacked bar plot

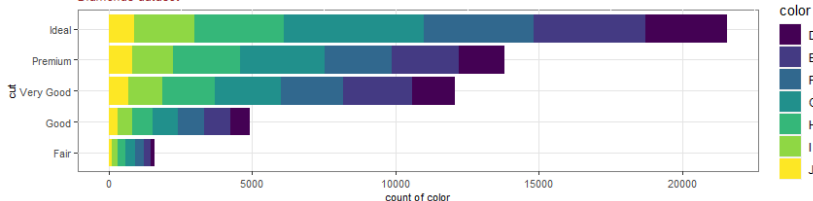
Stacked bar plot with percentages

*Diamonds dataset*



Stacked bar plot with counts

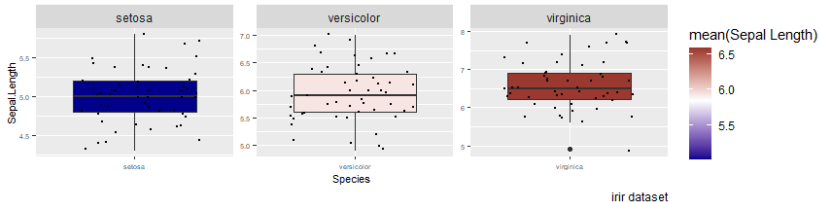
*Diamonds dataset*



# Boxplots and violin plots with mean color gradient

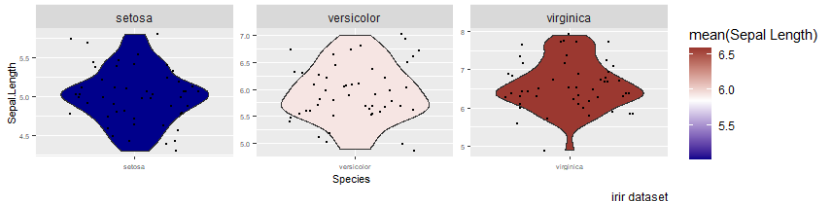
## Box plots for Sepal Length x Species, for each Species group

Color gradient indicate the mean of the variable "Sepal Length"

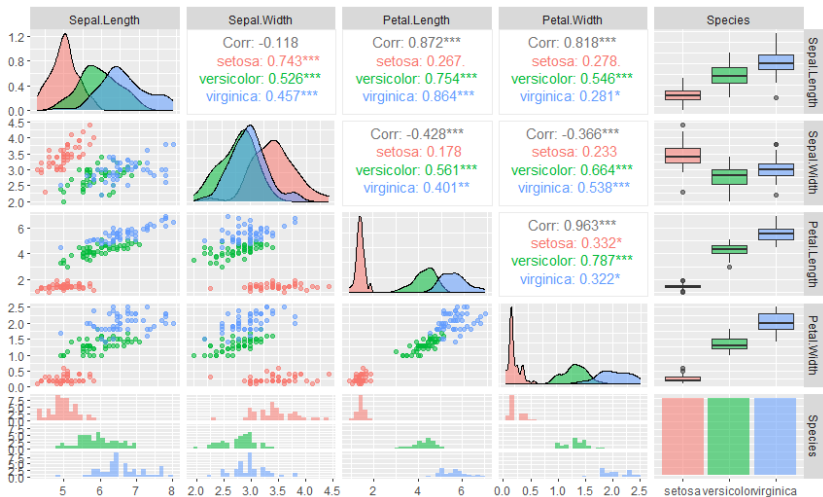


## Violin plots for Sepal Length x Species, for each Species group

Color gradient indicate the mean of the variable "Sepal Length"



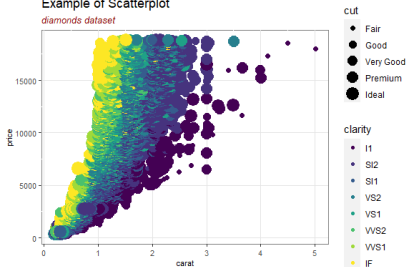
# Example of dashboard 1: multiple densities using 'ggpairs'



# Example of dashboard 2: several plots in one window

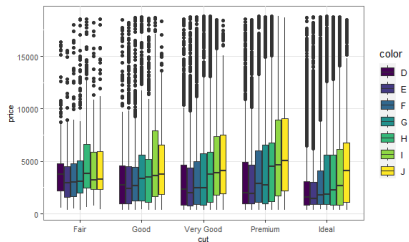
Example of Scatterplot

*diamonds dataset*



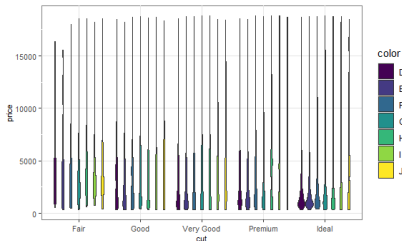
Example of Boxplots

*diamonds dataset*



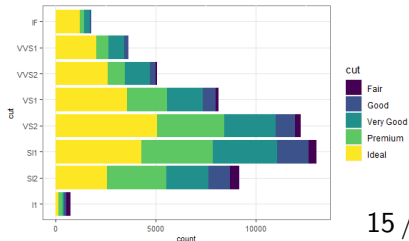
Example of Violin plots

*diamonds dataset*



Example of Bar plots

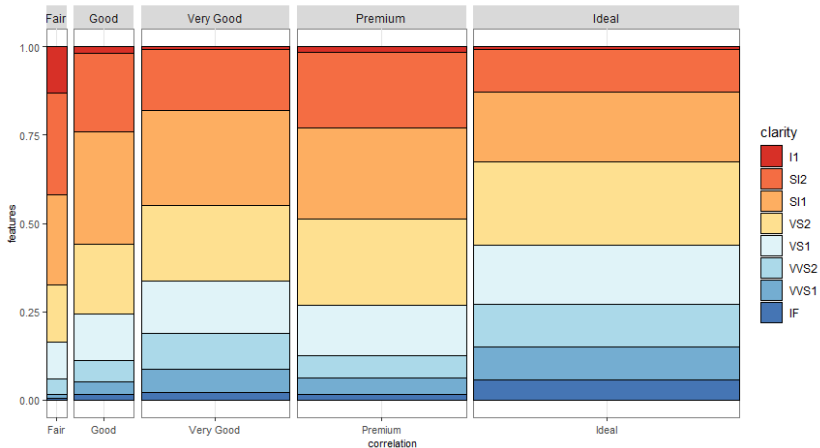
*diamonds dataset*



# Mosaic plot

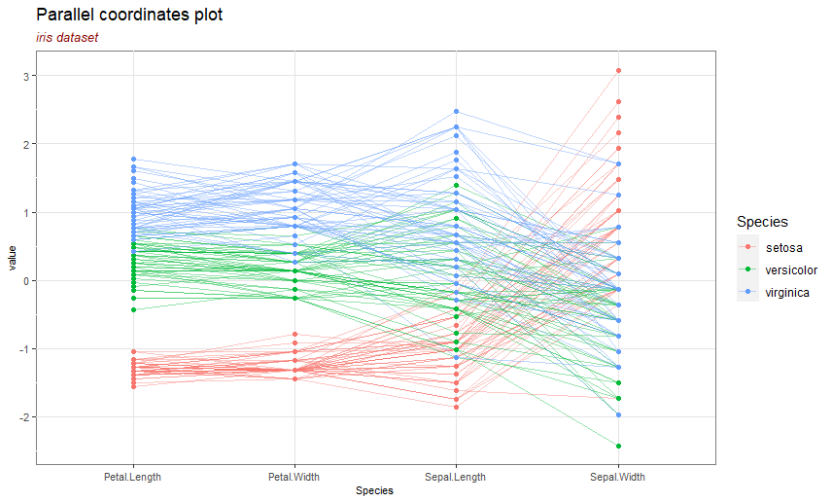
Mosaic plot of frequency for two nominal or categorical variables

*Diamonds dataset*





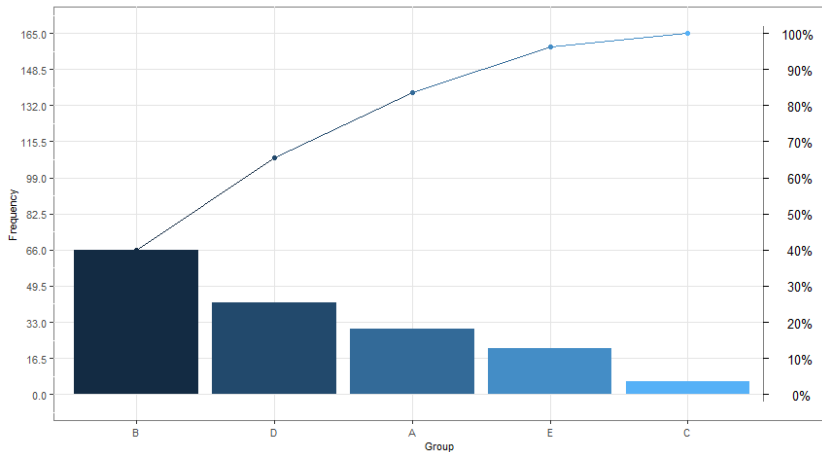
# Parallel coordinates plot



# Pareto plot

Pareto plot (frequency and percentage by group)

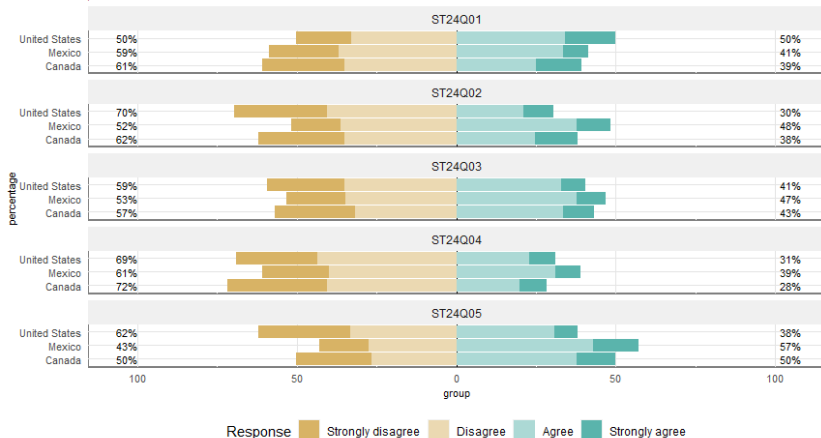
*artificial dataset*



# Likert items plot

## Plotting likert scales

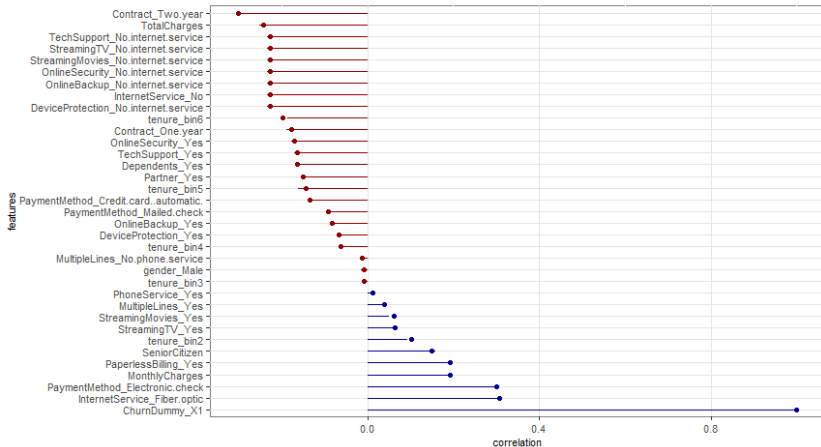
*pisaitems dataset*



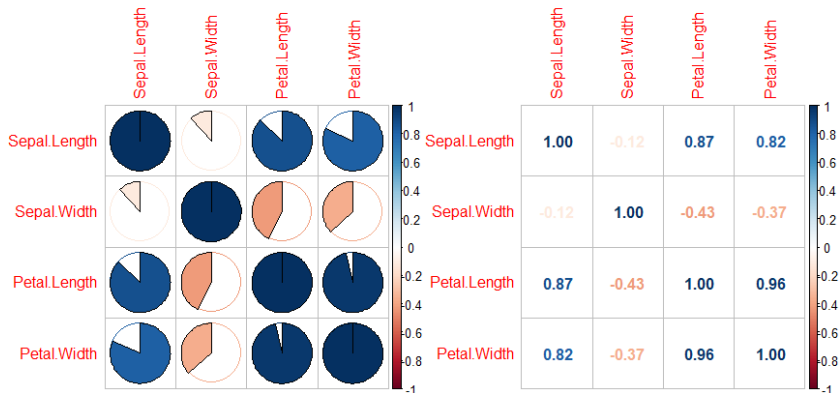
# Visualizing correlations among features to a response

Plotting correlations of features to a response (even nominal)

*Telco dataset*



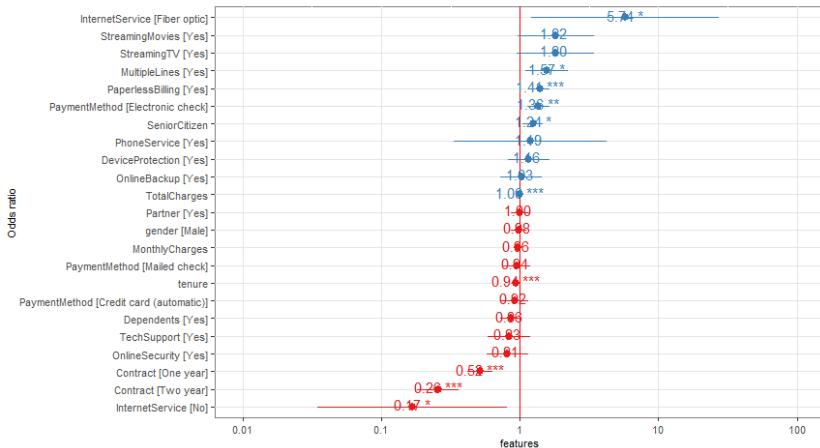
# Correlogram



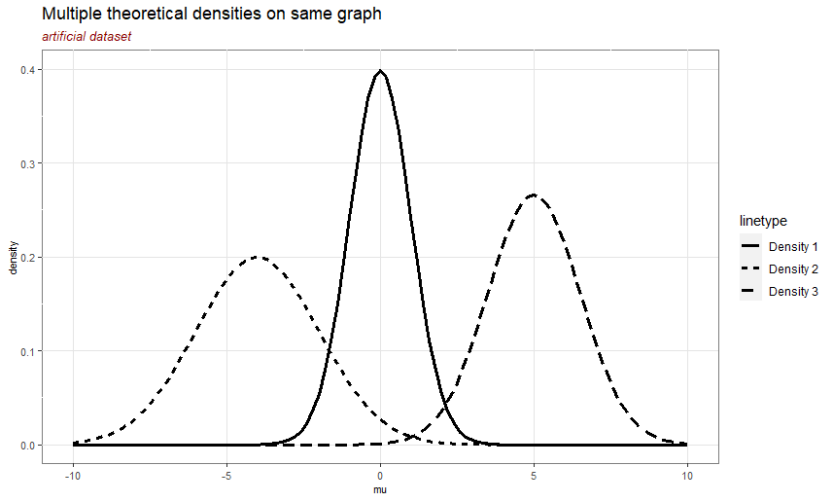
# Plotting odds ratios

## Plotting odds ratios - Binary Logistic regression

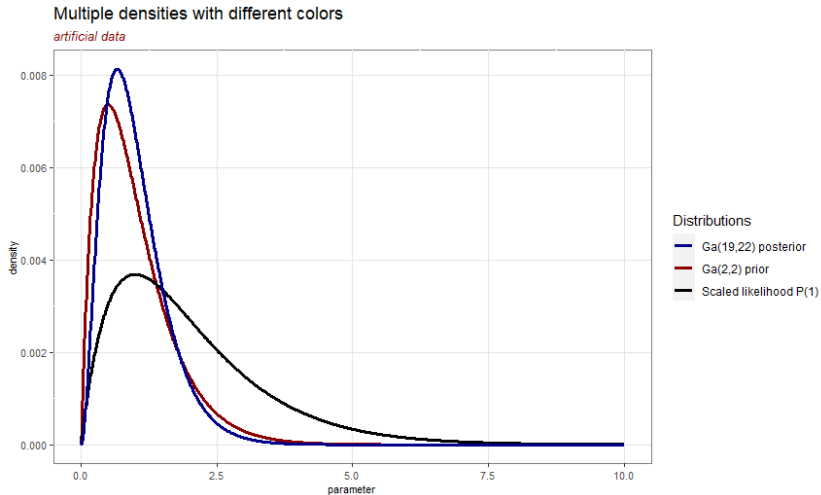
*Telco dataset*



# Plot multiple theoretical densities



# Plot multiple densities with different colors





# Plot of convergence of estimates

