

# Group\_2\_Analysis

Group 2

2022/3/20

```
library(tidyverse)
library(moderndiver)
library(gapminder)
library(sjPlot)
library(stats)
library(jtools)
library(MASS)
library(kableExtra)
library(olsrr)
#library(qcc)

#import data
data<-read.csv("dataset2.csv")

#processing discrete data
data[, 4] <- as.factor(data[, 4])
data[, 6] <- as.factor(data[, 6])
data[, 11] <- as.factor(data[, 11])

data = data[, -2]
```

## Introduction

The Family Income and Expenditure Survey (FIES) is a survey of every households in a country which is taken every three years. This gives information on the levels of living and disparities in income of each family and spending patterns.

In this project, we use the pre-downloaded FIES data of a single region of Philippines. It is Mimaropa, former designated as Region IV-B and formally known as the southwestern Tagalog region. There are 1249 recorded households. Each of them contains 11 following variables: · `Total.Household.Income`

- ‘Total.Household.Income’

## Exploratory Data Analysis

## Modelling and Results

## Conclusions and Future Work