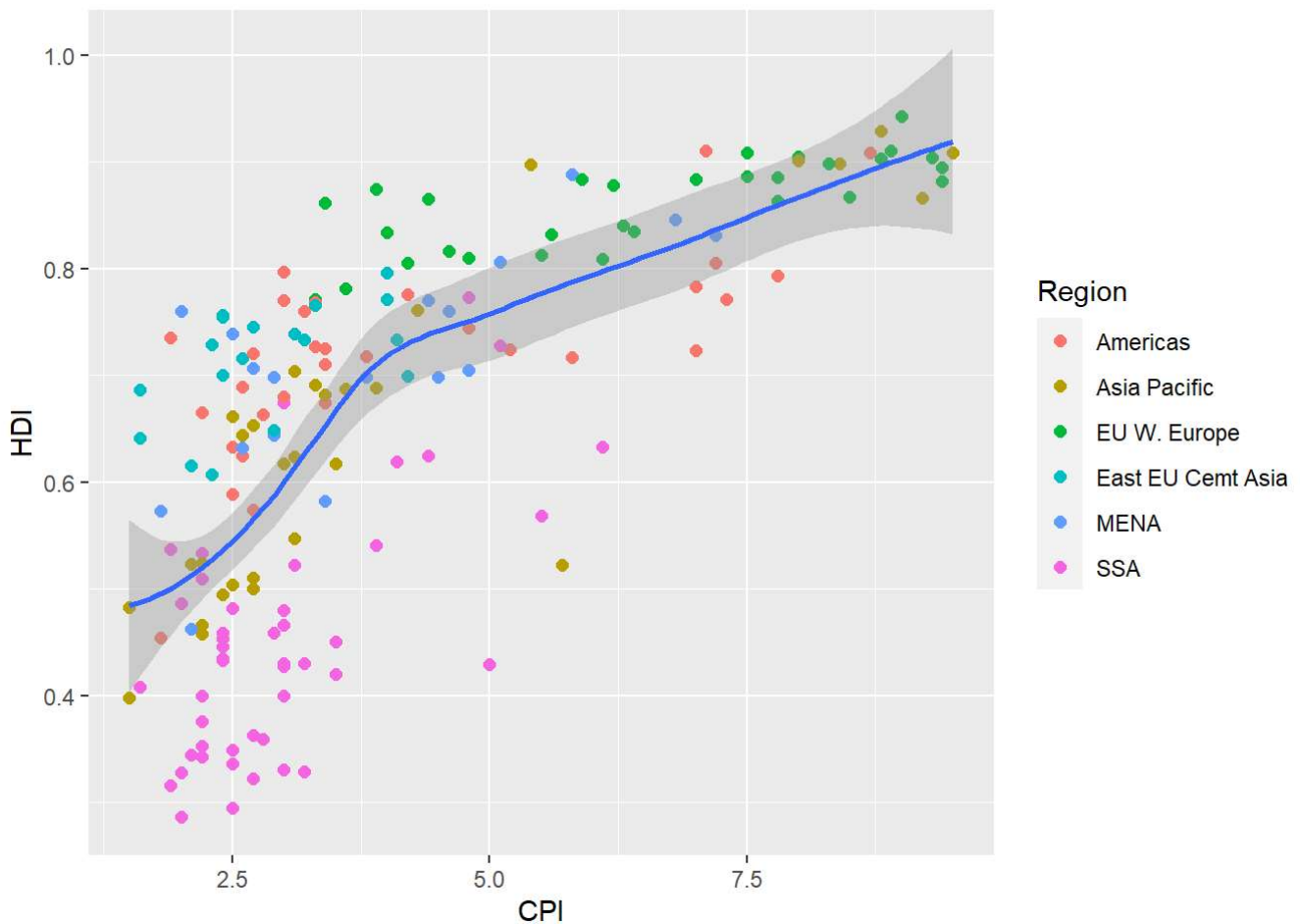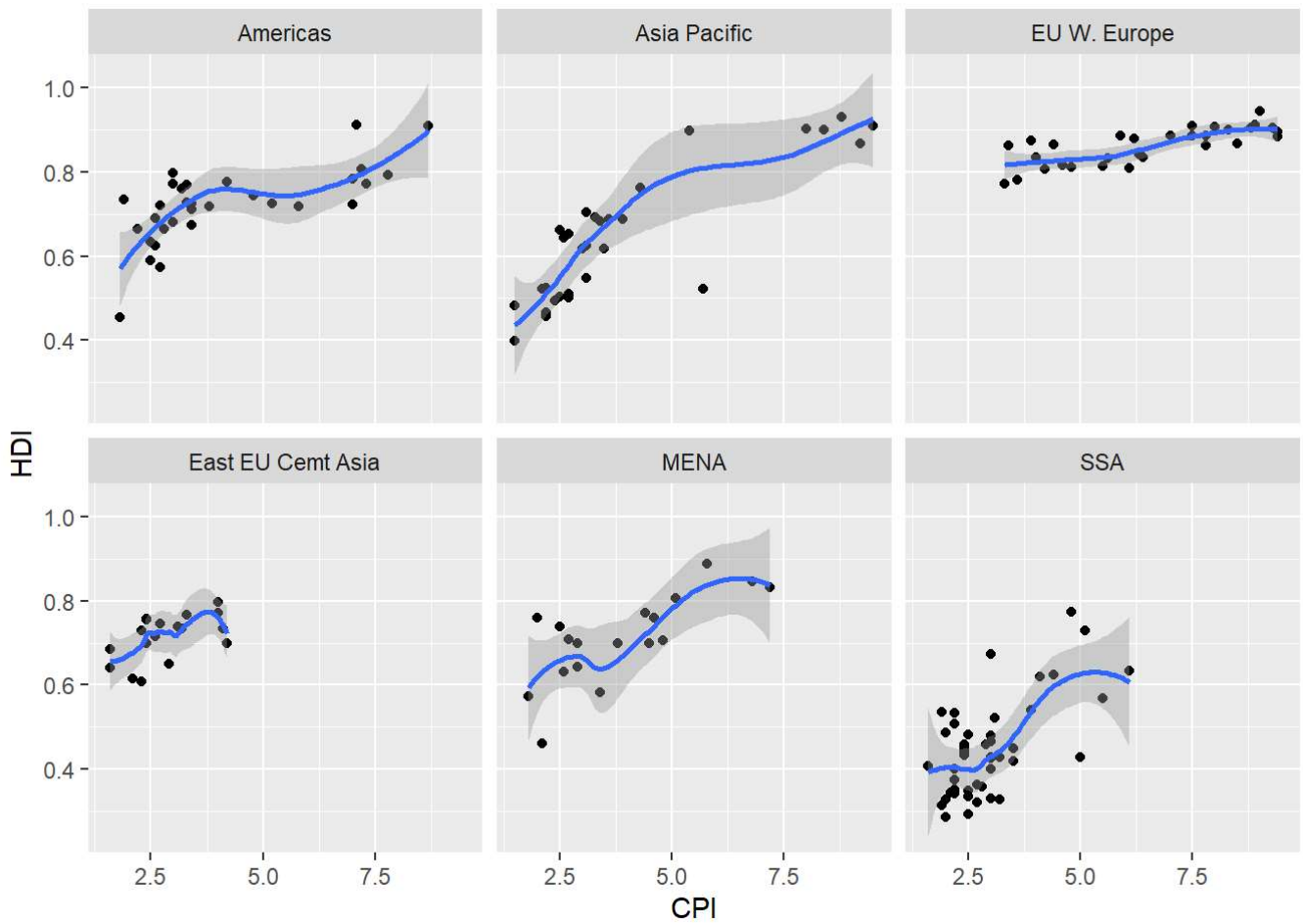# CaseStudyHDIcpi

Ahmet Selimhan ŞAHİN

24/01/2022

```
library(rmarkdown)
library(knitr)
library(ggplot2)
library(rworldmap)
library(dplyr)
```

```
load("C:/Users/Selimhan/Desktop/files/IE-421 Data Science/countryData.Rdata")
```
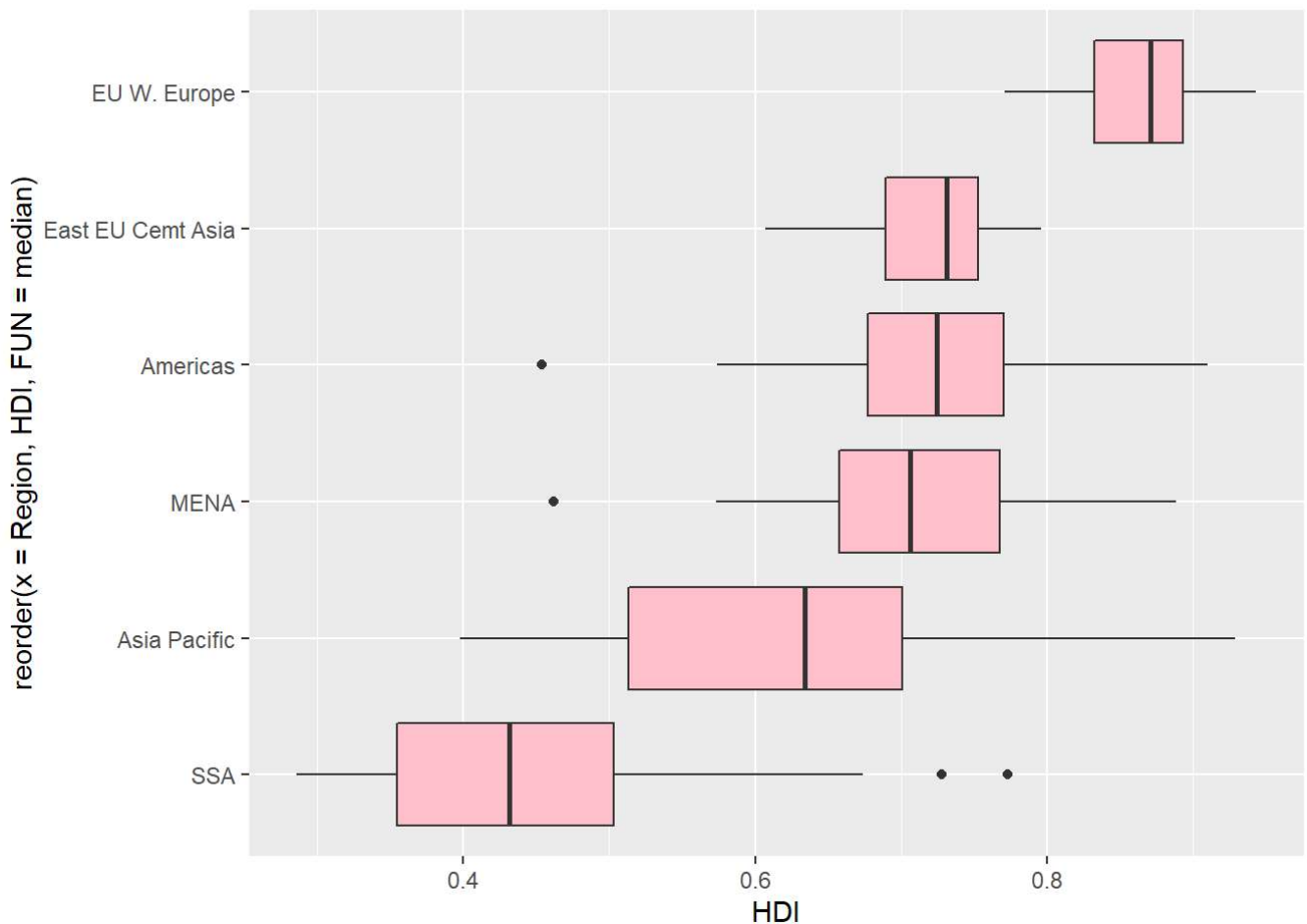
```
ggplot(countryData , aes(x = CPI , y = HDI)) + geom_point(aes(color = Region) , size = 2) + g
eom_smooth()
```



```
ggplot(countryData , mapping = aes(x = CPI , y = HDI)) + geom_point() + geom_smooth() + facet
_wrap(~Region , nrow = 2 )
```

```
ggplot(data = countryData) + geom_boxplot(aes(x = reorder(x = Region , HDI , FUN = median ) ,
y = HDI ) , fill = "pink") + coord_flip()
```

```
ggplot(data = countryData) + geom_boxplot(aes(x = reorder(x = Region , CPI , FUN = median ) ,
y = CPI ) , fill = "pink") + coord_flip()
```