# R Notebook

```
linkmerge='https://github.com/profemagallanes-unmsm/cuantimet_pd/raw/refs/heads/main/edudebt.csv'
merge=read.csv(linkmerge)
str(merge)
```

```
## 'data.frame':    188 obs. of  4 variables:
##  $ name  : chr  "Japan" "Greece" "Singapore" "Lebanon" ...
##  $ debt  : num  216 191 177 147 138 ...
##  $ region: chr  "East and Southeast Asia" "Europe" "East and Southeast Asia" "Middle East" ...
##  $ edu   : num  3.4 4.4 2.8 1.7 5.5 6.5 4.3 4.5 7.6 5 ...
```

```
bi2_1=formula(edu~debt)
```

```
car::scatterplot(bi2_1, data = merge, regLine=list(col='red'),
                 smooth = FALSE, grid = FALSE, frame = FALSE)
```
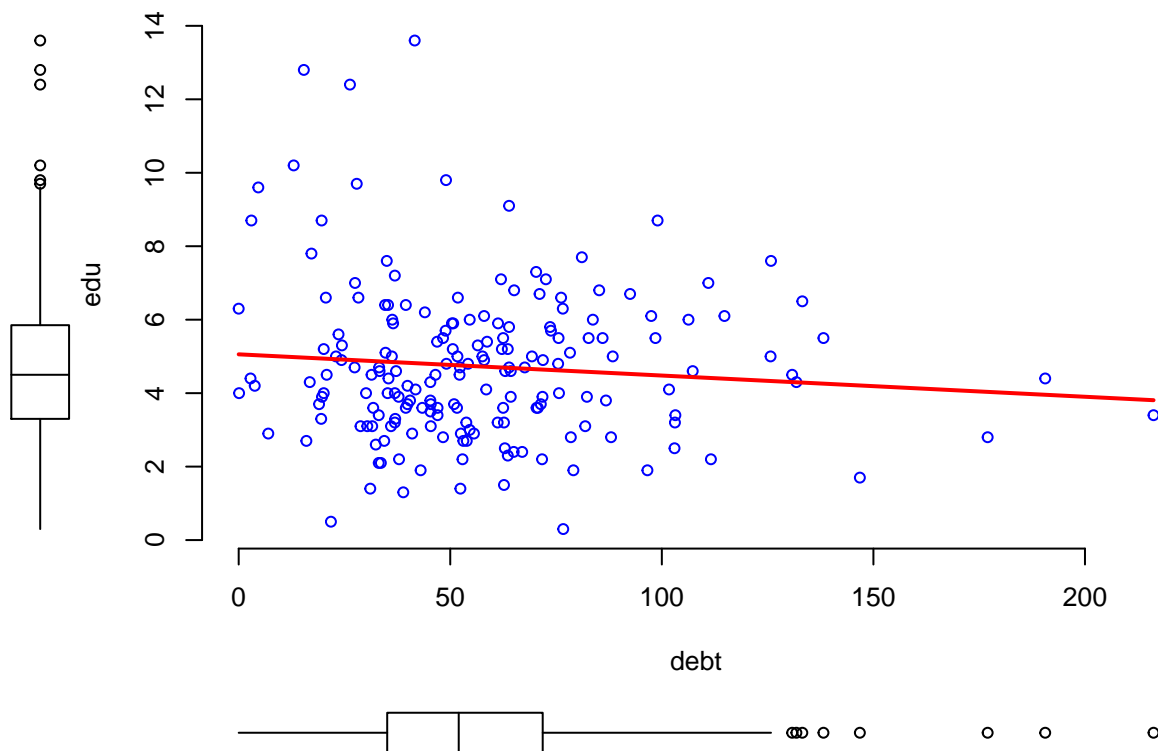


```
bi2_1Corr=formula(~ edu + debt)
cor.test(bi2_1Corr,data=merge)[c('estimate','p.value')]
```

```
## $estimate
##         cor
## -0.09336907
##
## $p.value
## [1] 0.2025005
```

```
cor.test(bi2_1Corr,data=merge,method='spearman',exact=F)[c('estimate','p.value')]
```

```
## $estimate
##           rho
## -0.01293653
##
## $p.value
## [1] 0.860136
```