ECON 182 Code

Tuong Van

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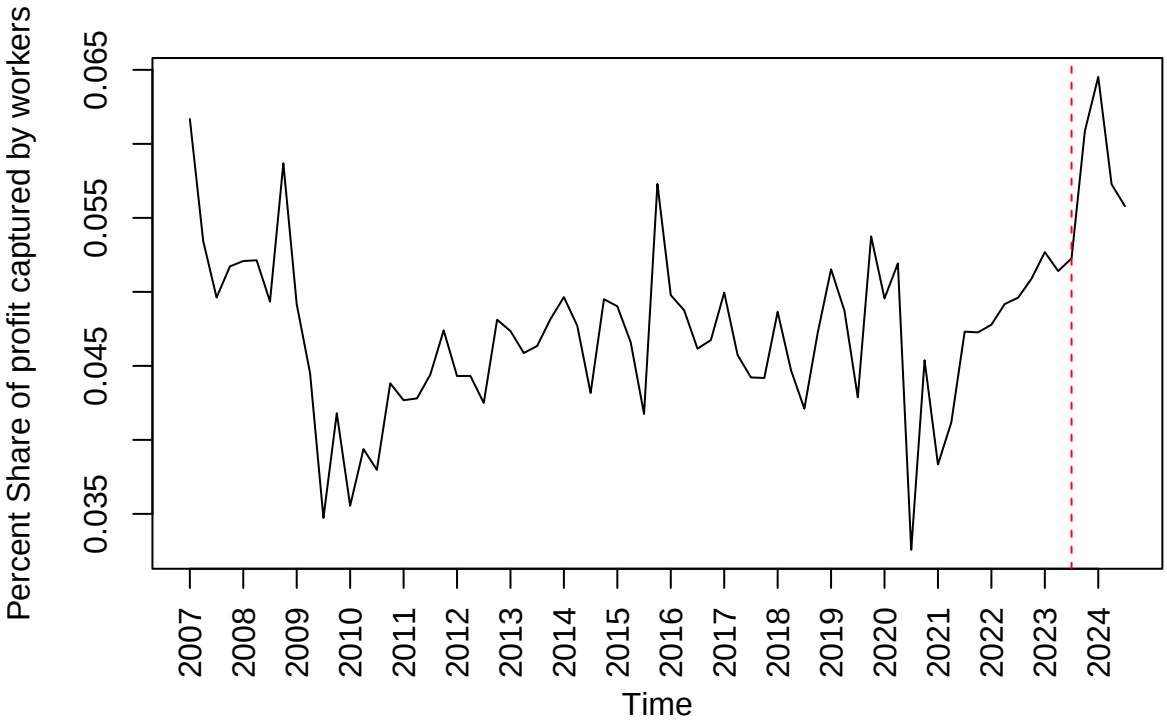
```
#Loads up the two datasets, and slices out 2022-2024 for CN variable;EM is employment data
EM<-read.csv("DATASET FOR ECON 182 FINAL.csv")
FC<-read.csv("Full final results Econ 182.csv")
CN<-FC[61:71,1:16]
```

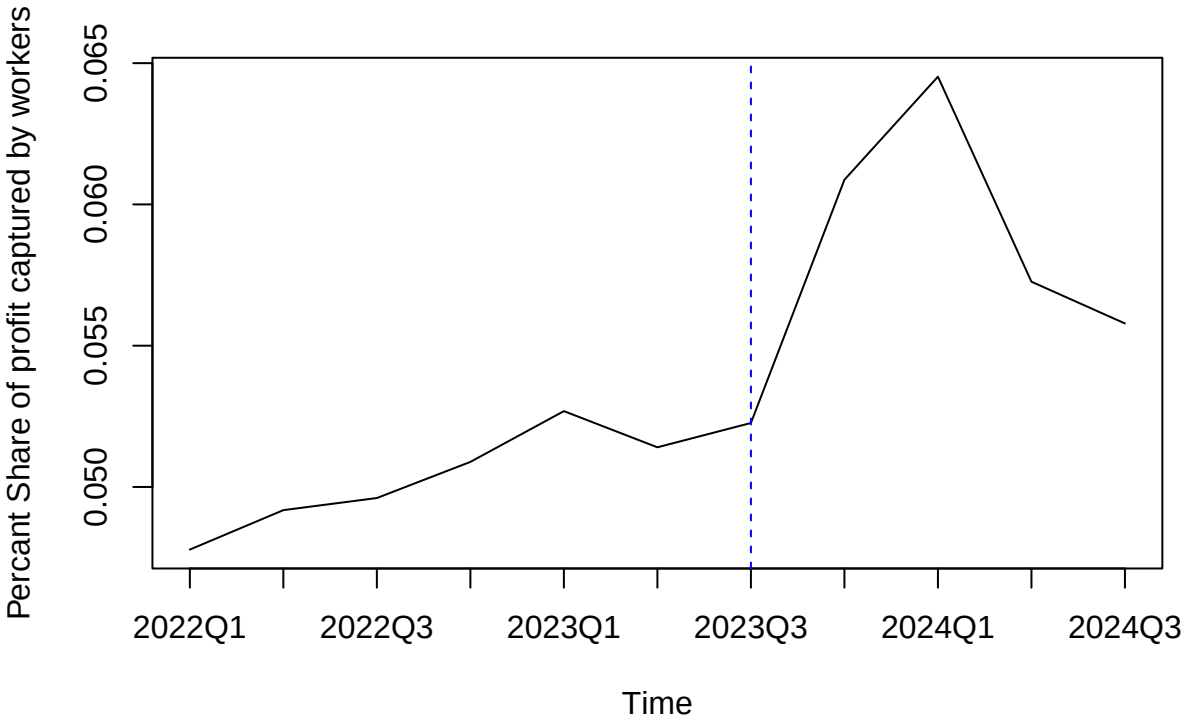
1

```
#Creates a graph of share of profit calculated by production workers, with a manually added axis and a
plot(FC$Share,type="l",xlab="Time", ylab="Percent Share of profit captured by workers", xaxt="n")
axis(1,at=c(1,5,9,13,17,21,25,29,33,37,41,45,49,53,57,61,65,69),labels=c("2007", "2008", "2009","2010",
abline(v=67,col="red",lty=2)
```



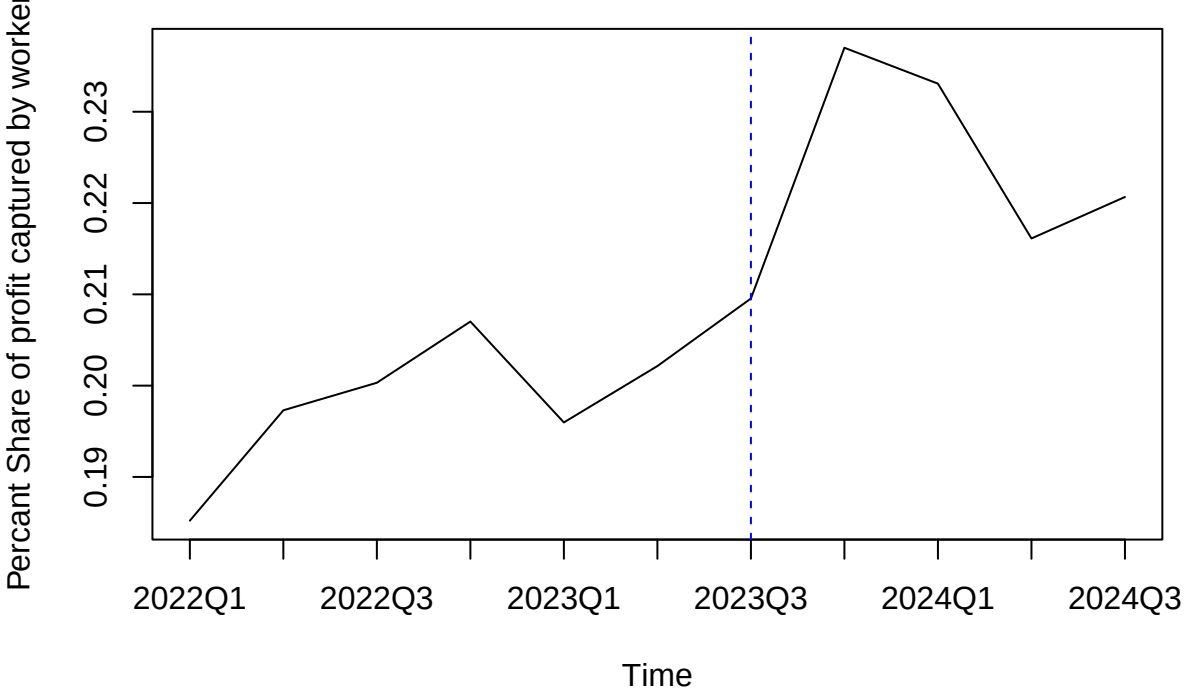
2

```
#Same as graph above but with graph spanning from Q1 2022 to Q3 2024, and a blue line Q3 2023
plot(CN$Share,type="l",xaxt="n",xlab="Time",ylab="Percant Share of profit captured by workers")
axis(1,at=c(1,2,3,4,5,6,7,8,9,10,11),labels=c("2022Q1","2022Q2","2022Q3","2022Q4","2023Q1","2023Q2","20
abline(v=7,col="blue",lty=2)
```



3

```
#Same as graph 2 but with all subset of workers from BLS data rather than only production workers, and
plot(CN$Profit.captured.by.all.workers, ,type="l",xaxt="n",xlab="Time",ylab="Percant Share of profit ca
axis(1,at=c(1,2,3,4,5,6,7,8,9,10,11),labels=c("2022Q1","2022Q2","2022Q3","2022Q4","2023Q1","2023Q2","20
abline(v=7,col="blue",lty=2)
```



4

```r
#Creates a graph of employment in thousands, with a salmon colored dotted line at Q1 2024 and ranging f
plot(EM$EIT, type="l",xlab="Time",ylab = "Employment in thousands", xaxt="n")
axis(1,at=c(1,2,3,4,5,6,7,8,9,10,11),labels=c("2022Q1","2022Q2","2022Q3","2022Q4","2023Q1","2023Q2","202
abline(v=9,col="salmon", lty=2)
```