Econometrics III Assignment Part 3, 4, 5 Tinbergen Insitute

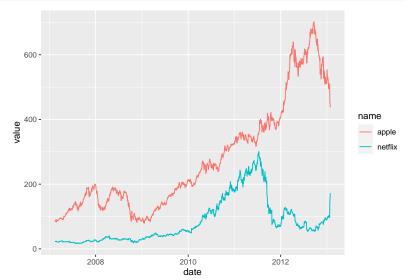
Stanislav Avdeev 590050sa stnavdeev@gmail.com Bas Machielsen 590049bm 590049bm@eur.nl

March 22, 2021

Question 1

Part 1:

First, we plot the two time series:



Then, we show the acf and pacf-functions:

```
n1 <- df3$NETFLIX %>%
    acf(lag.max = 12, plot = F)

n2 <- df3$NETFLIX %>%
    pacf(lag.max = 12, plot = F)

a1 <- df3$APPLE %>%
    acf(lag.max = 12, plot = F)

a2 <- df3$APPLE %>%
    pacf(lag.max = 12, plot = F)

par(mfrow=c(2,2))

plot(n1, main = "Netflix");plot(n2, main = "Netflix")
plot(a1, main = "Apple"); plot(a2, main = "Apple")
```

