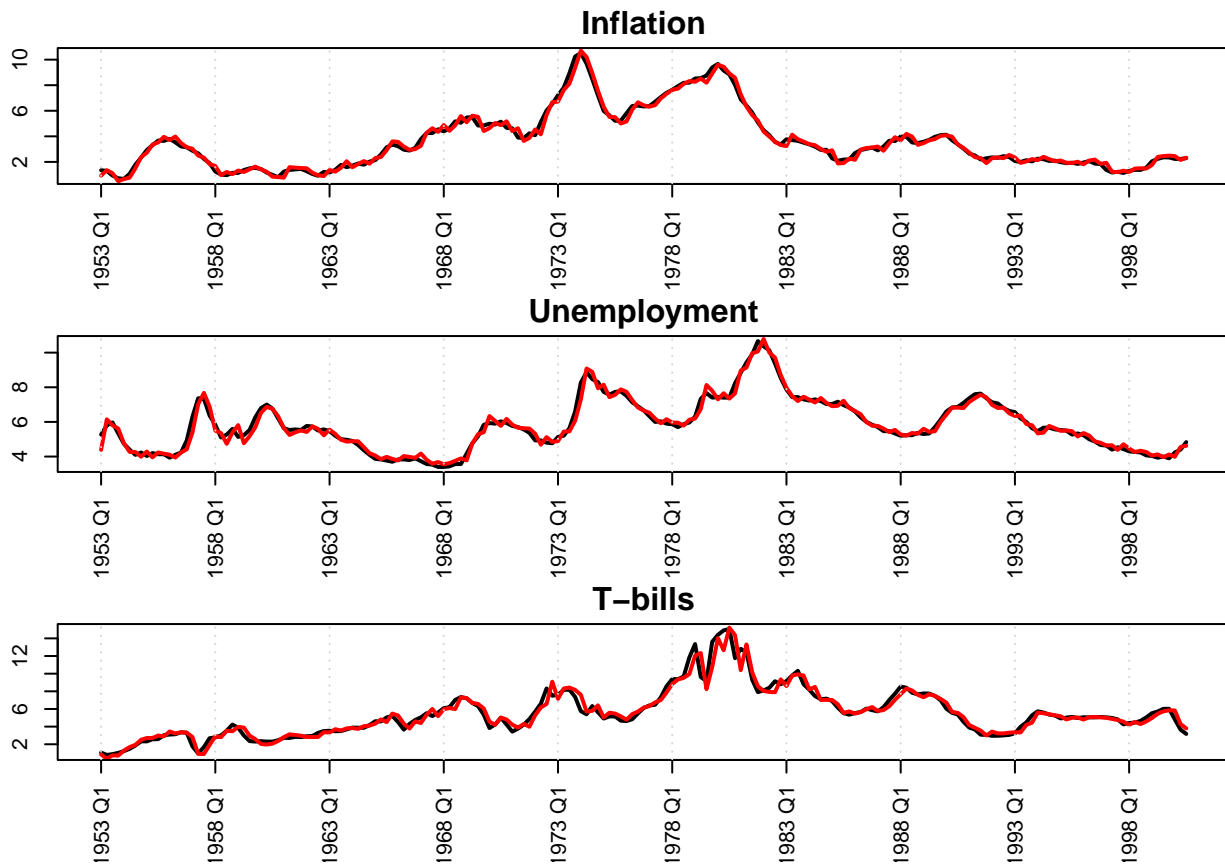


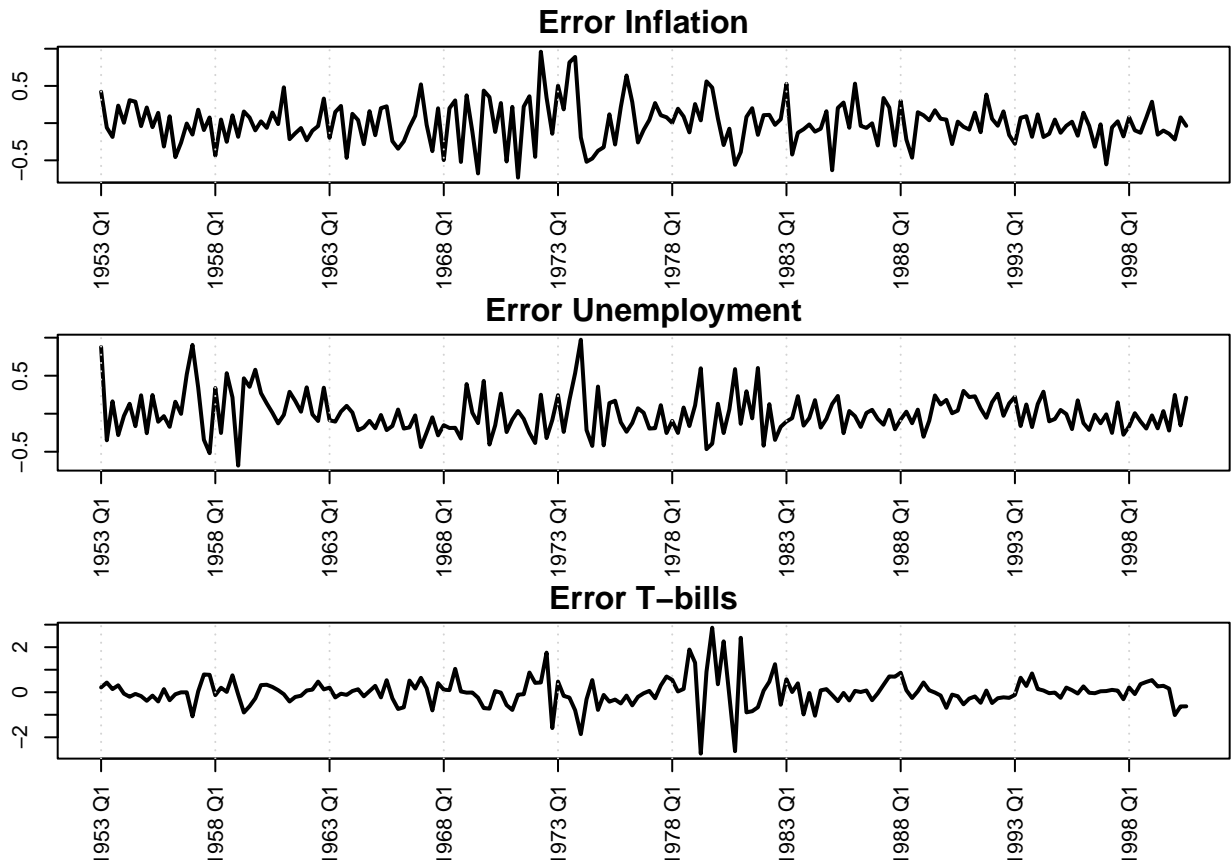
HW4

Gabriel Konecny

2023-06-03

Plots should start here:

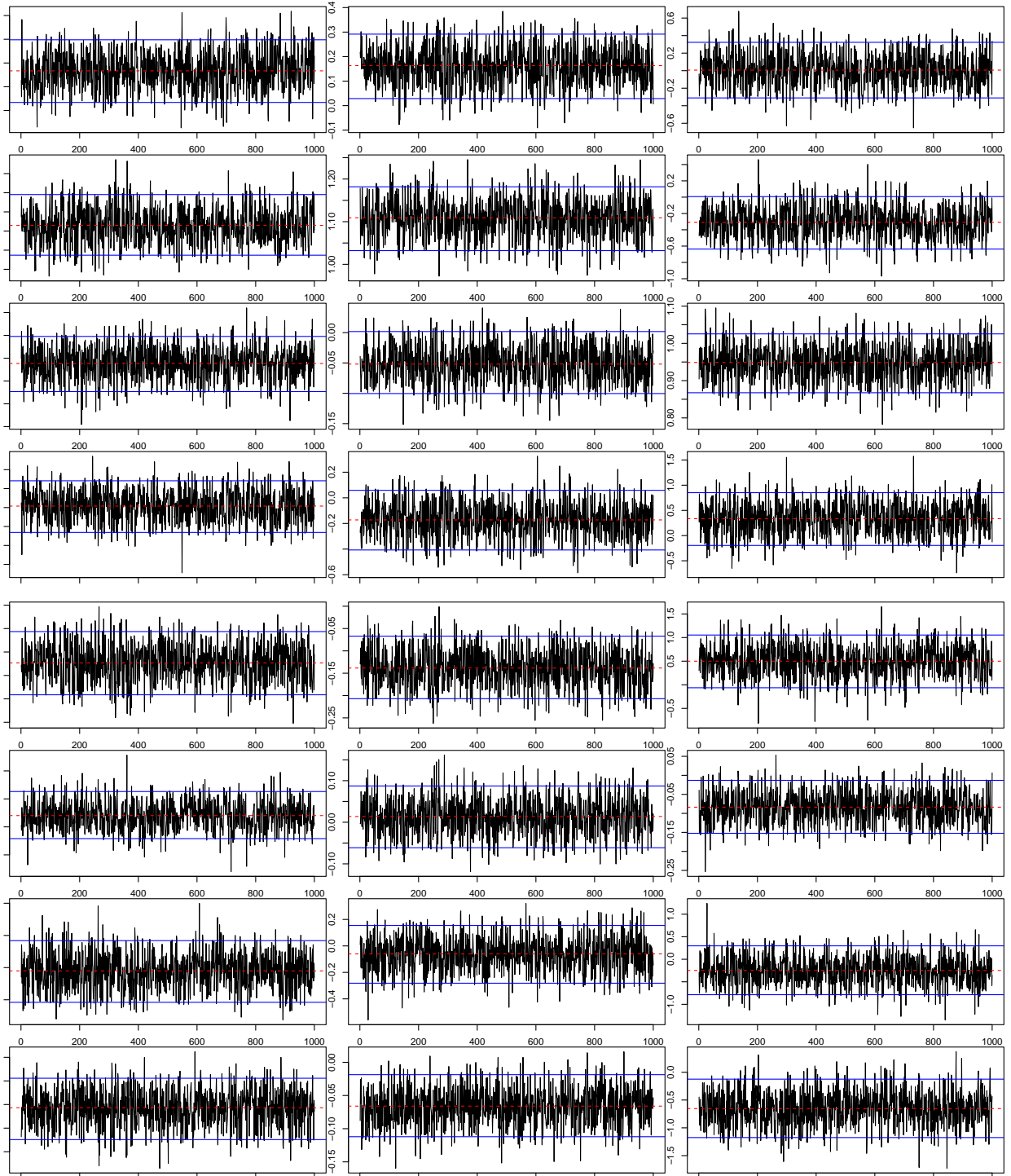


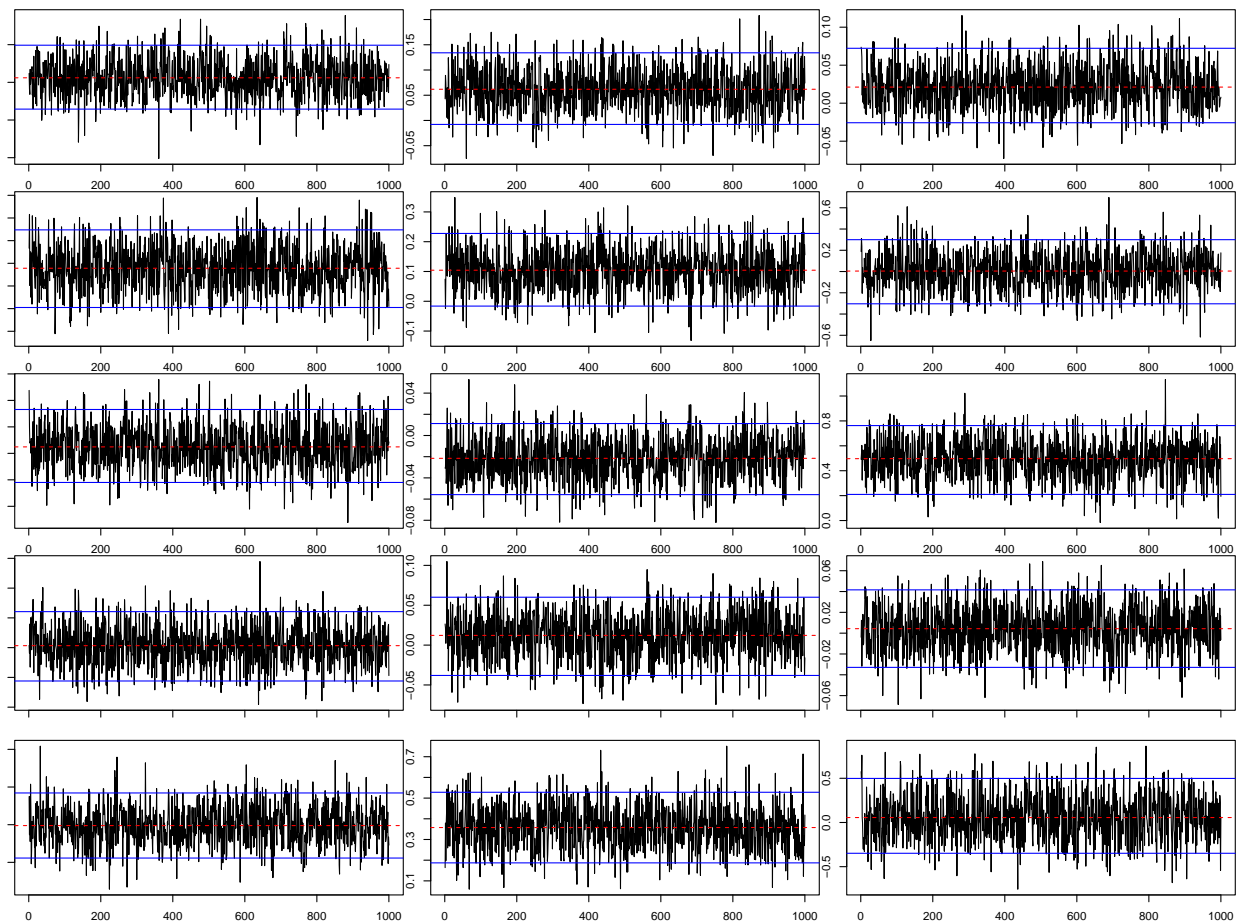


```

##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02

```





```
##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02
```

```
##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02
```

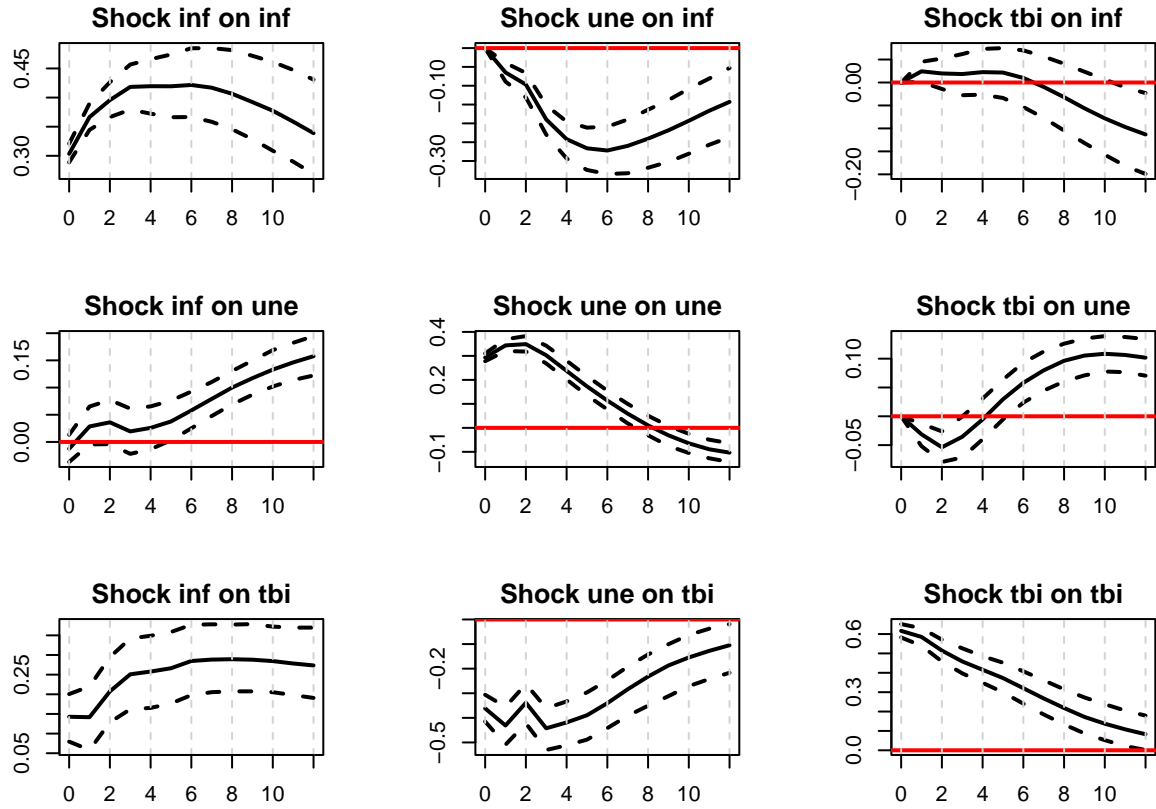
```
mean_table
```

```
##           [,1]      [,2]      [,3]
## [1,]  1.183484519  0.16346812  0.006505776
## [2,] -0.170453840  1.10921967 -0.307703849
## [3,]  0.038422577 -0.05182660  0.948703948
## [4,] -0.096090764 -0.17238837  0.334938064
## [5,]  0.107070669 -0.13835620  0.499730256
## [6,] -0.059617565  0.01388733 -0.083701079
## [7,] -0.055091829 -0.05987249 -0.248120673
## [8,] -0.227143234 -0.06597564 -0.654009746
## [9,]  0.012030550  0.06181753  0.021164413
## [10,] -0.024358587  0.10429587  0.004361465
## [11,]  0.224466282 -0.02153220  0.496845147
## [12,]  0.003325868  0.01216799  0.004304537
## [13,]  0.395299212  0.35771632  0.055800726
```

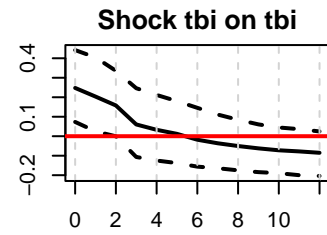
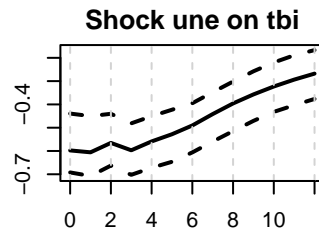
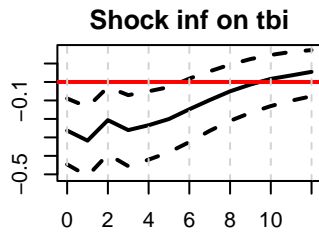
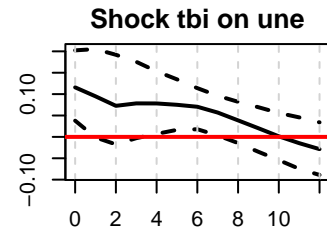
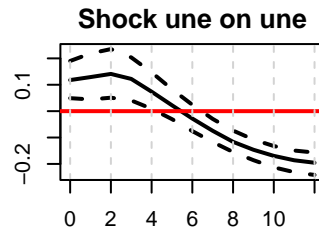
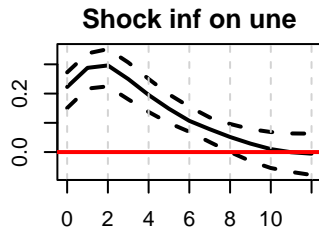
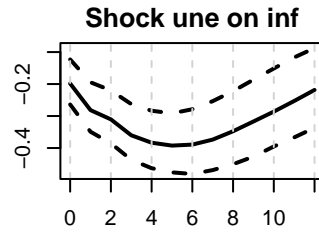
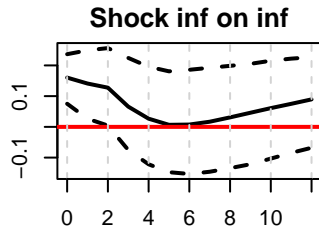
```
sd_table
```

```
##           [,1]      [,2]      [,3]
## [1,]  0.04063743  0.08005011  0.19206089
## [2,]  0.09455766  0.04580462  0.20073755
## [3,]  0.03717335  0.03127413  0.04779486
## [4,]  0.04186564  0.13841849  0.32510463
## [5,]  0.16222549  0.04288198  0.34508975
## [6,]  0.05241422  0.04430430  0.04160827
## [7,]  0.02873367  0.13219275  0.32413963
## [8,]  0.15755194  0.02834752  0.31338867
## [9,]  0.05278110  0.04365653  0.02929987
## [10,]  0.02075204  0.07388007  0.18656196
## [11,]  0.08422240  0.02109073  0.16327282
## [12,]  0.03519275  0.02957858  0.02259459
## [13,]  0.10793302  0.10772791  0.26430948
```

```
##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-01
## 2 Lambda 2 1e+05
## 3 Lambda 3 1e+02
```

