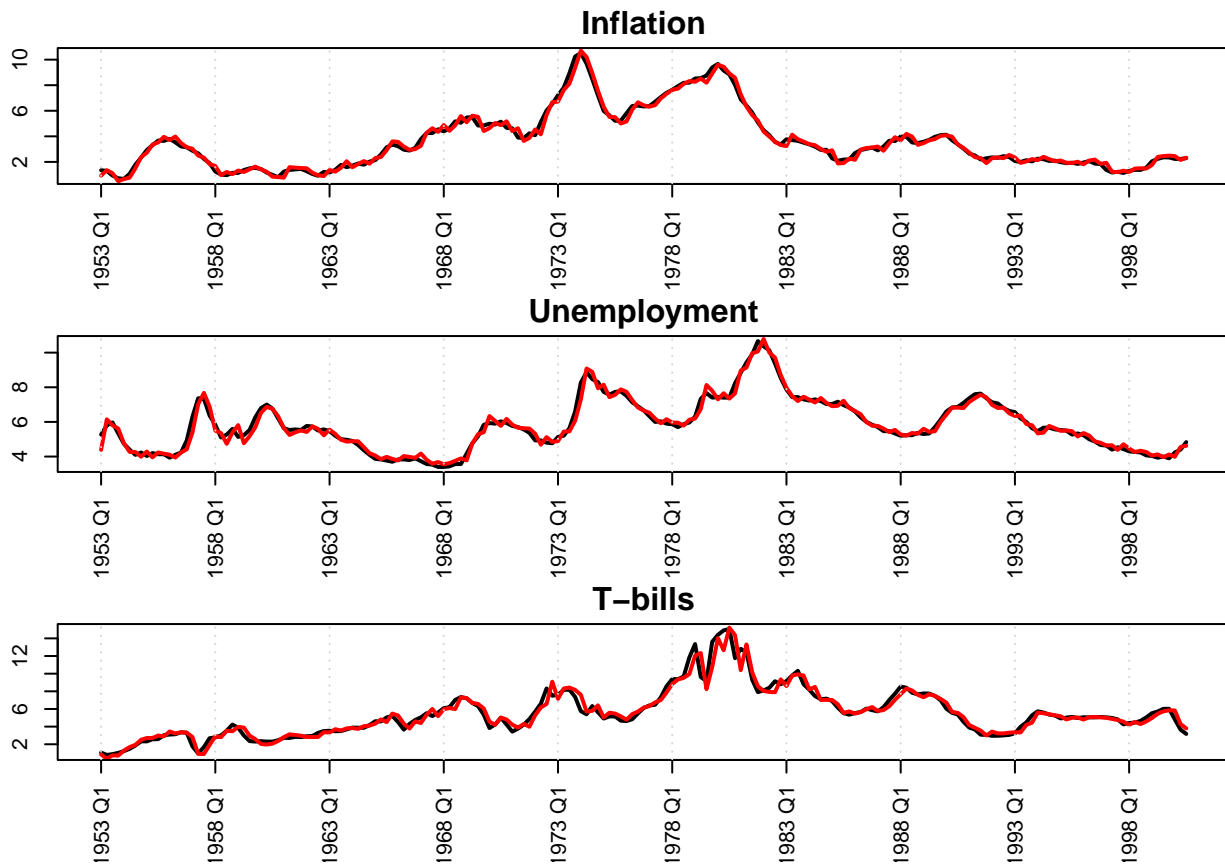


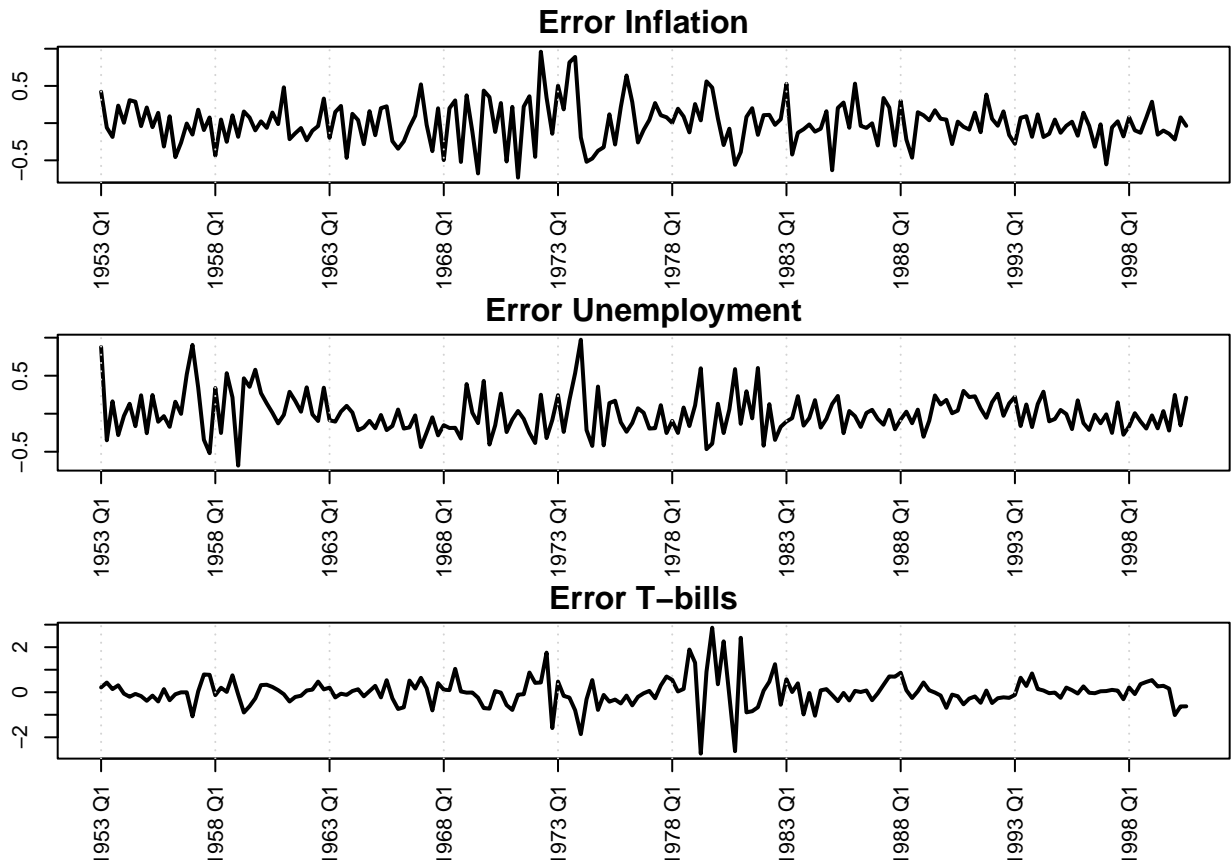
HW4

Gabriel Konecny

2023-06-03

Plots should start here:

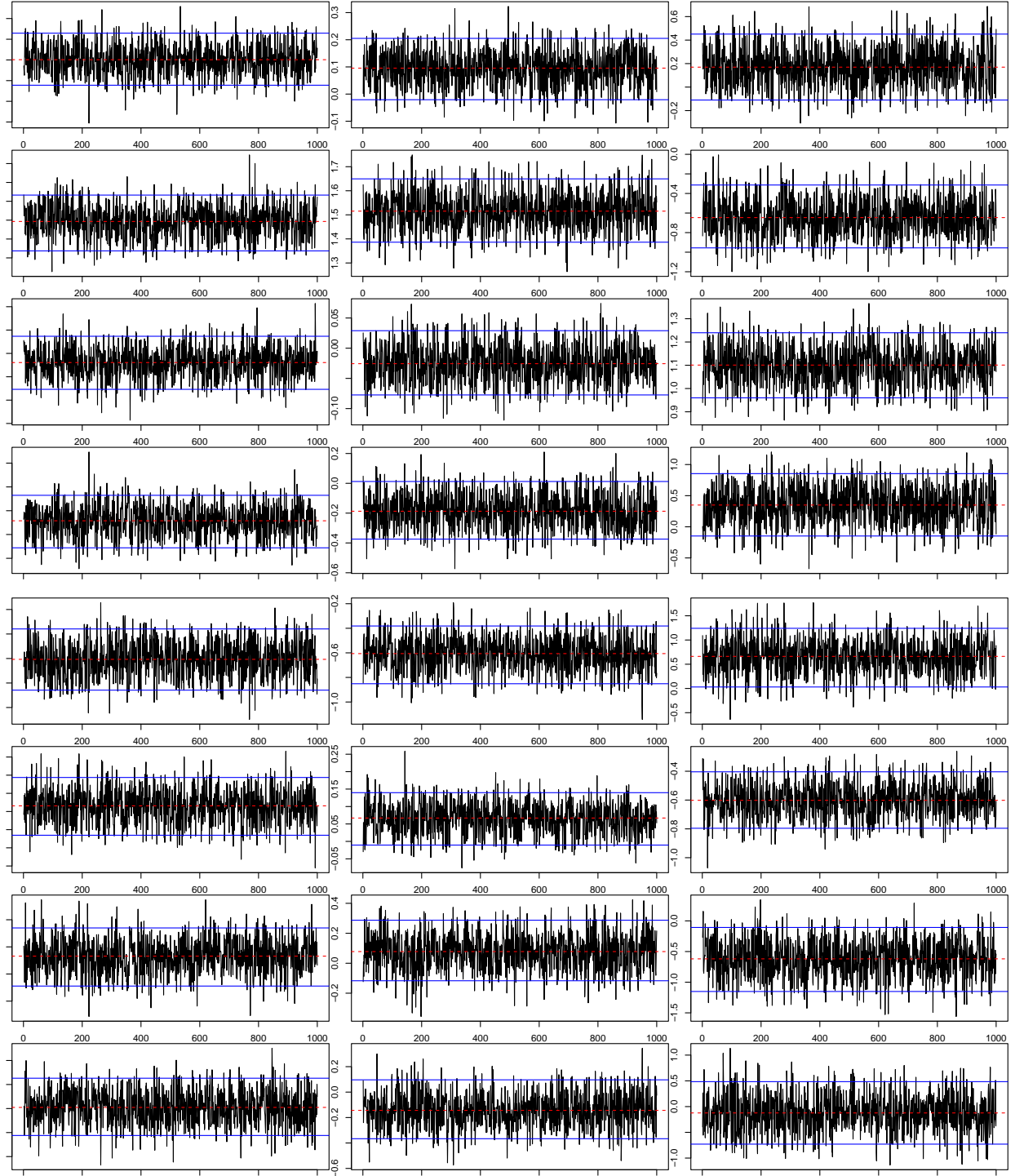


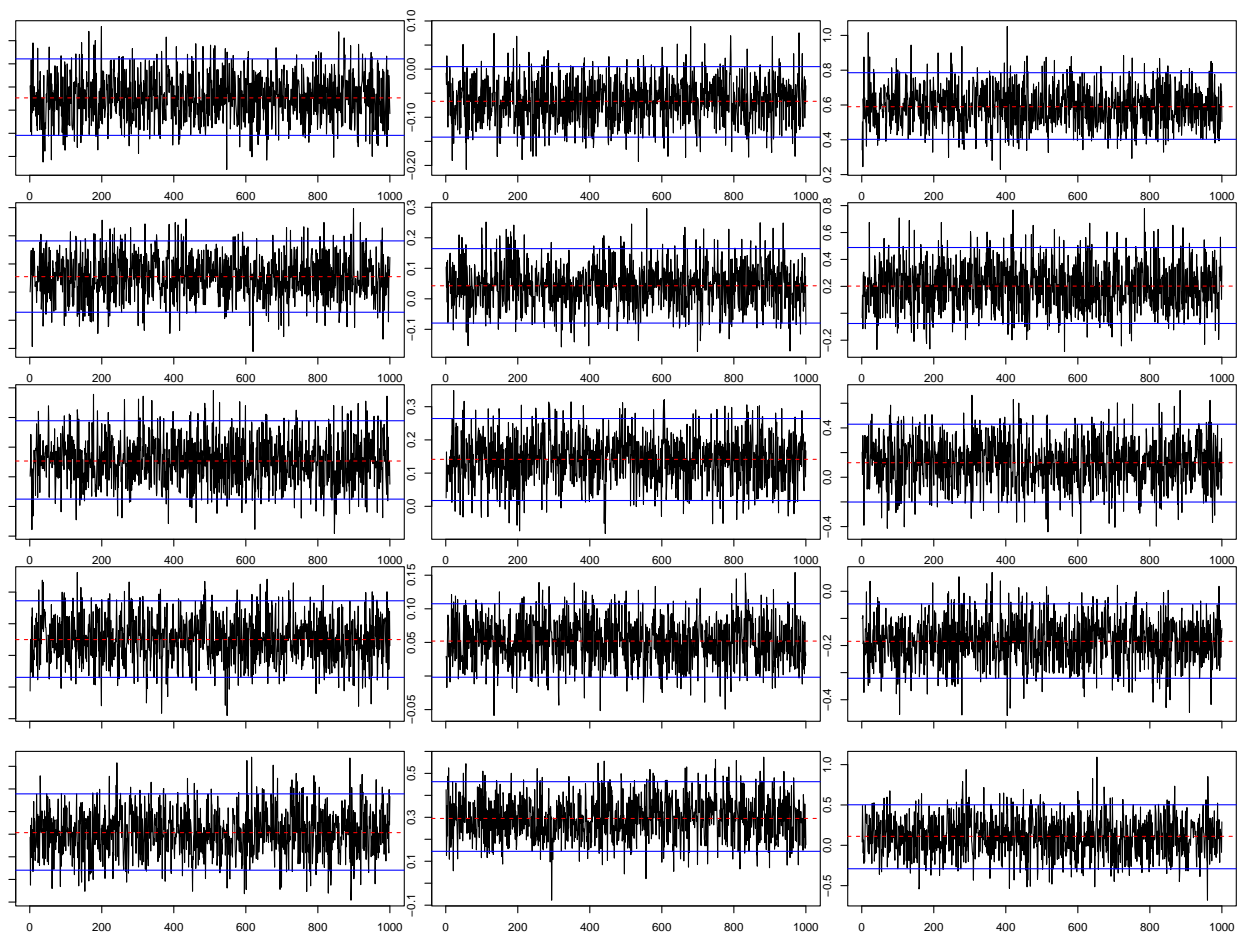


```

##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02

```





```
##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

```
##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

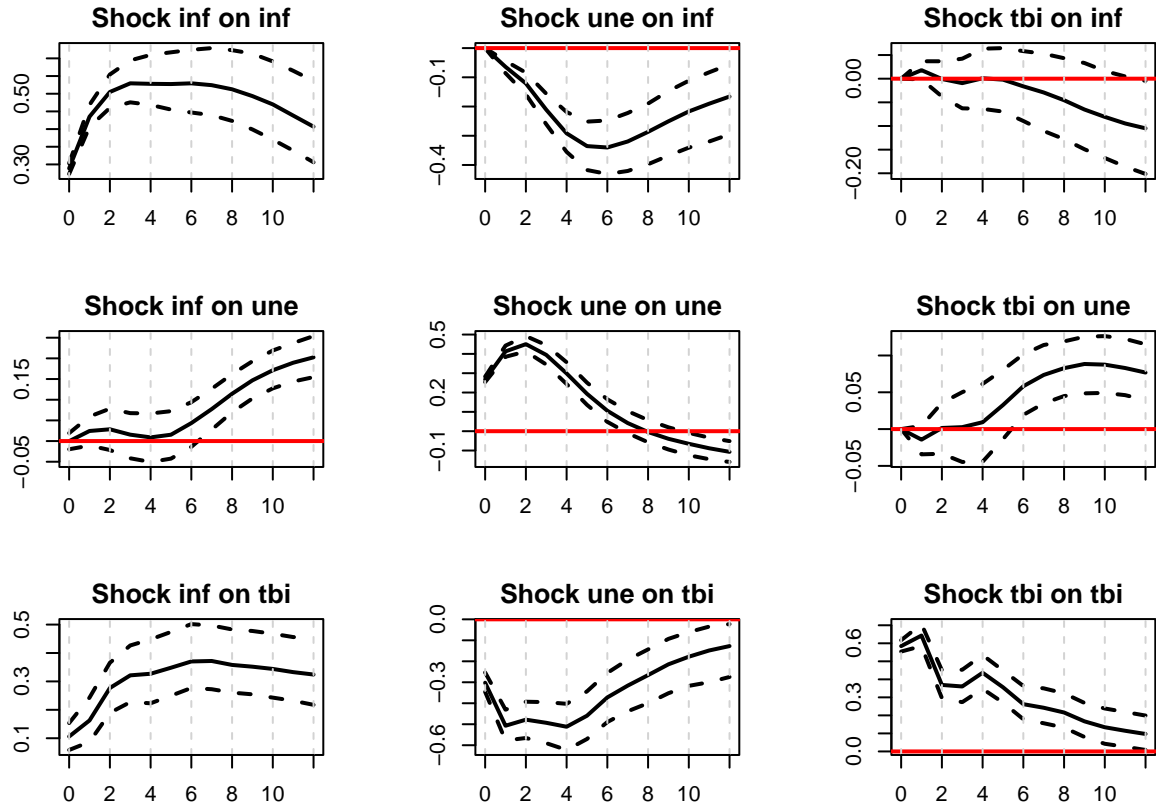
```
mean_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 1.50113596 0.09550137 0.1697844
## [2,] -0.20683895 1.51525228 -0.6465206
## [3,] 0.03044037 -0.02562350 1.1008025
## [4,] -0.48464014 -0.18723878 0.3494504
## [5,] 0.19308865 -0.60621480 0.6618898
## [6,] -0.08441942 0.06703648 -0.6017702
## [7,] -0.06825176 0.07779762 -0.6192376
## [8,] -0.19067318 -0.14354417 -0.1234230
## [9,] 0.07648968 -0.06683973 0.5901968
## [10,] 0.05484862 0.04271536 0.2019399
## [11,] 0.15321223 0.14146829 0.1178974
## [12,] -0.02499742 0.05197119 -0.1845711
## [13,] 0.30686381 0.29485112 0.1109344
```

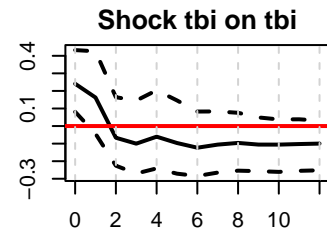
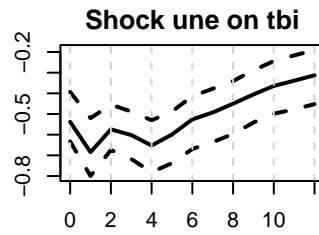
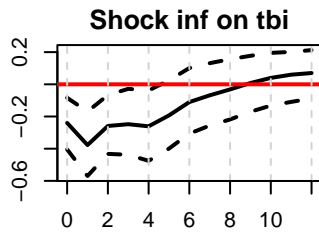
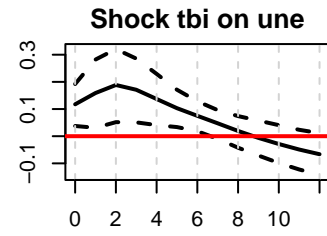
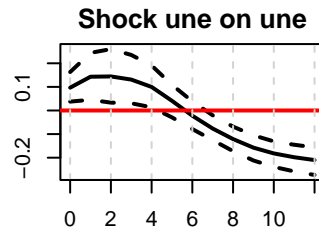
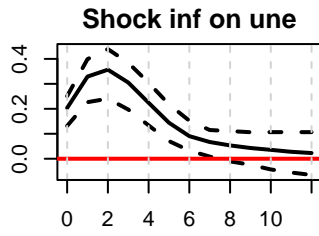
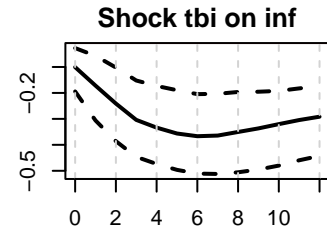
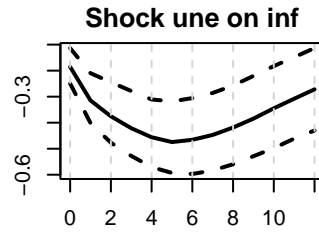
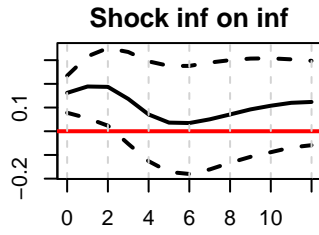
```
sd_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 0.07641640 0.06769960 0.17250480
## [2,] 0.08721969 0.08031535 0.20003737
## [3,] 0.03417993 0.03259528 0.08377136
## [4,] 0.13404994 0.11989472 0.31553616
## [5,] 0.15087947 0.14286713 0.36878438
## [6,] 0.04827998 0.04557074 0.11818779
## [7,] 0.13151736 0.12316698 0.31578914
## [8,] 0.14621394 0.13931489 0.36641936
## [9,] 0.05075770 0.04584586 0.11736070
## [10,] 0.07663940 0.07150965 0.17453709
## [11,] 0.08027660 0.07264387 0.19073839
## [12,] 0.03619582 0.03391196 0.08472254
## [13,] 0.10306391 0.09658368 0.24307242
```

```
##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e+05
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

