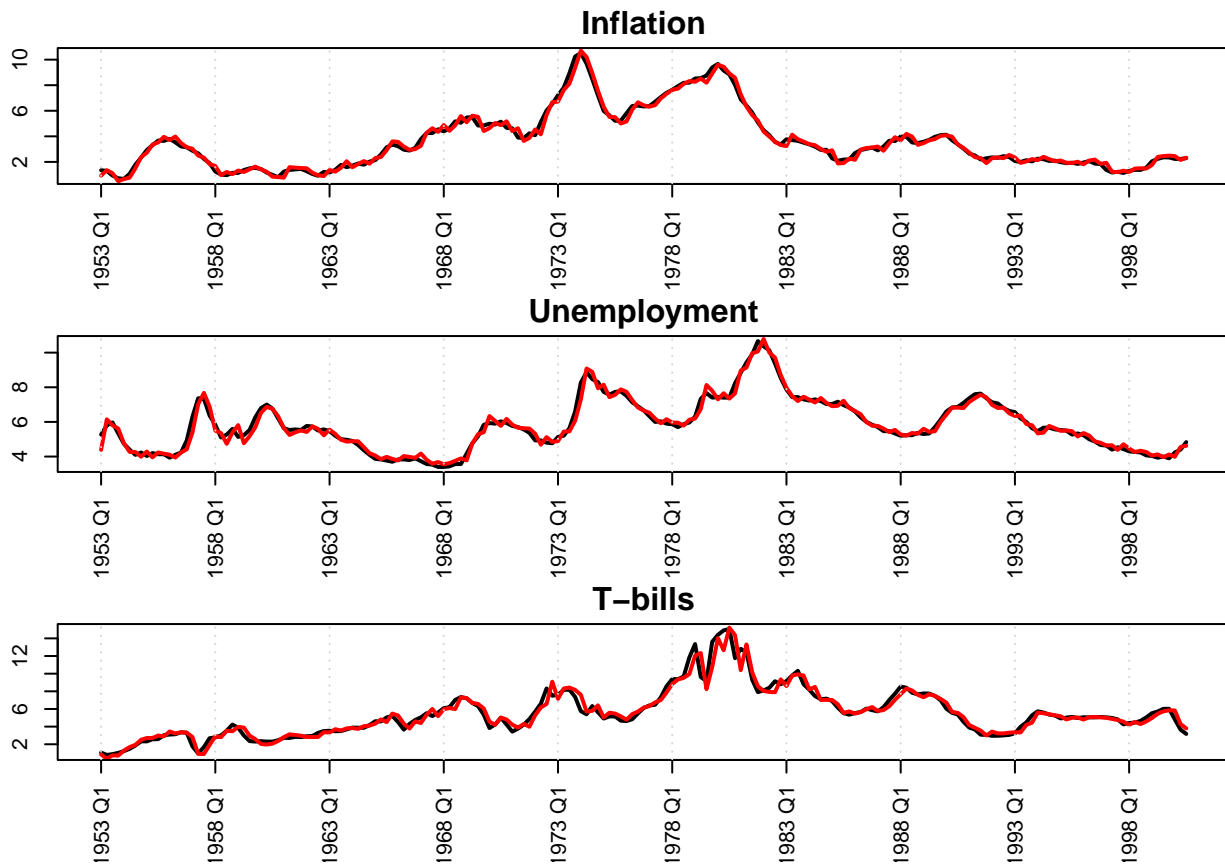


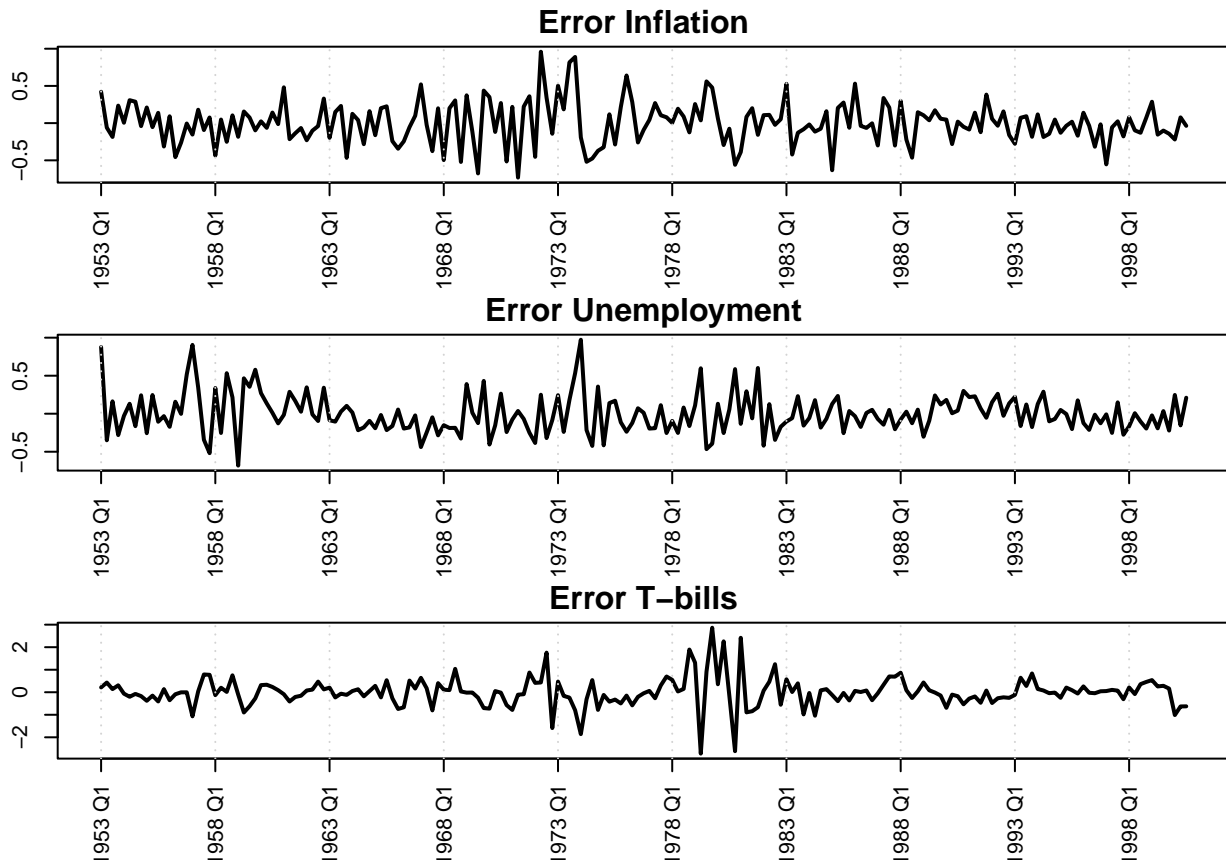
HW4

Gabriel Konecny

2023-06-03

Plots should start here:

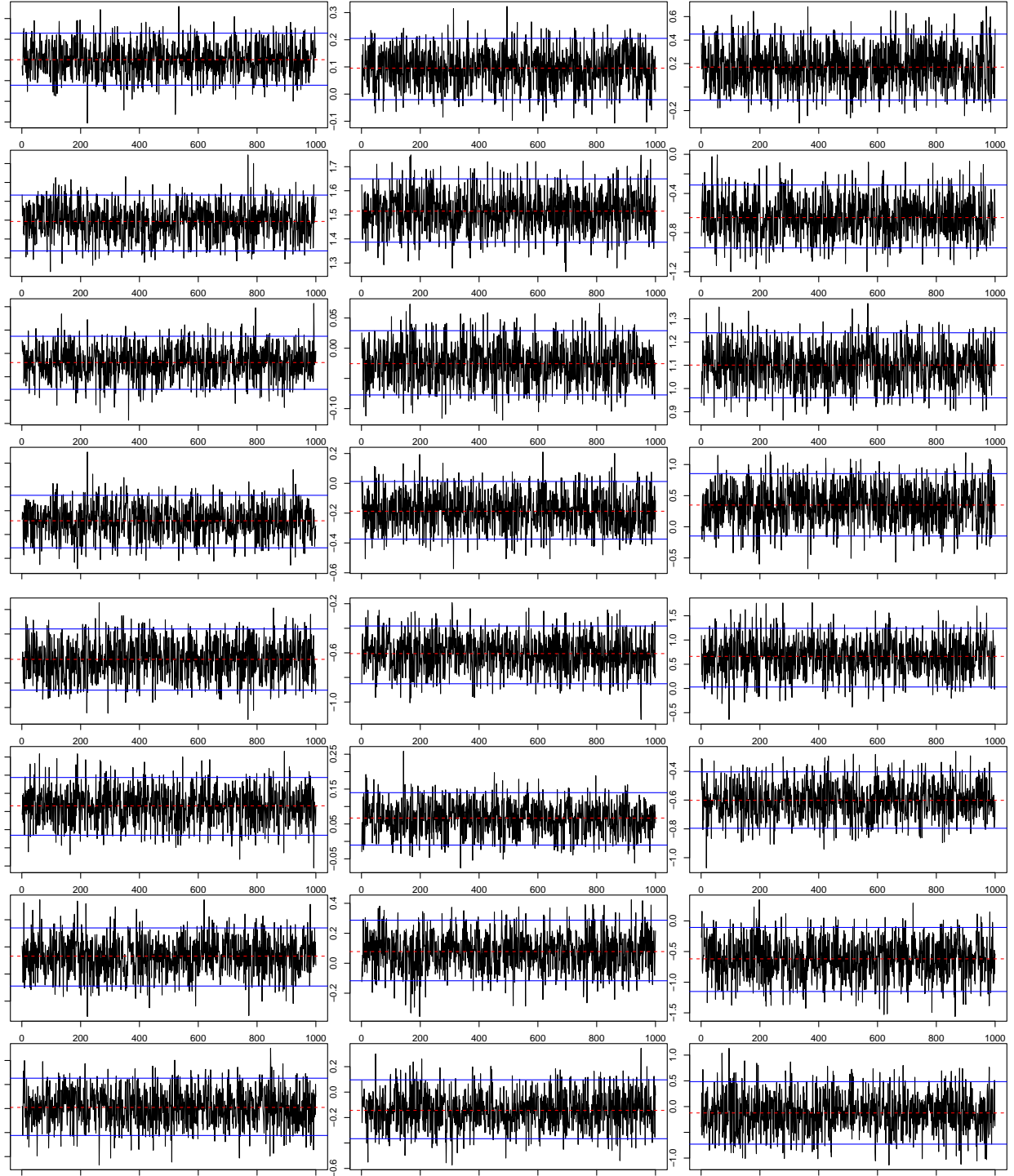


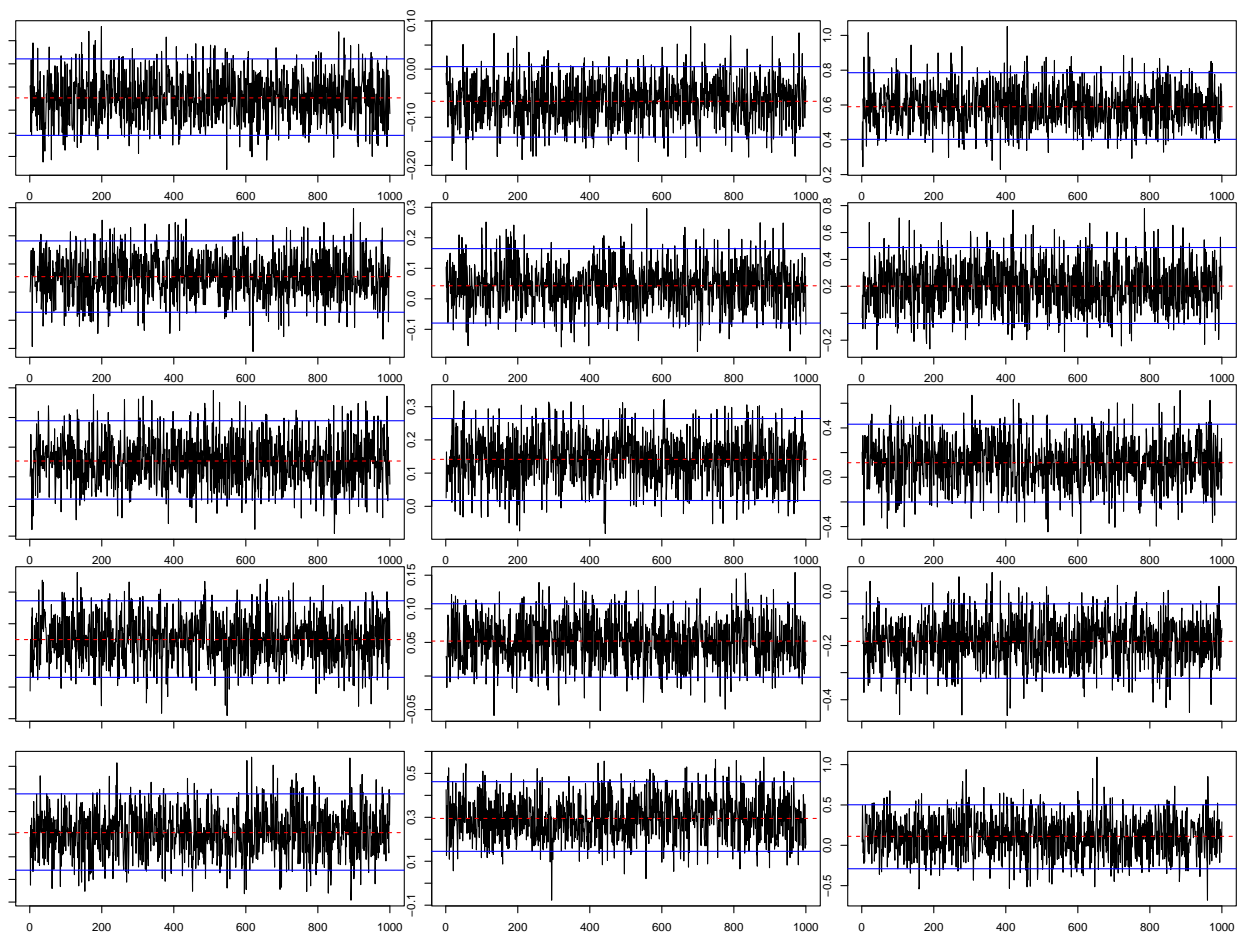


```

##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100

```





```
##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100
```

```
##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100
```

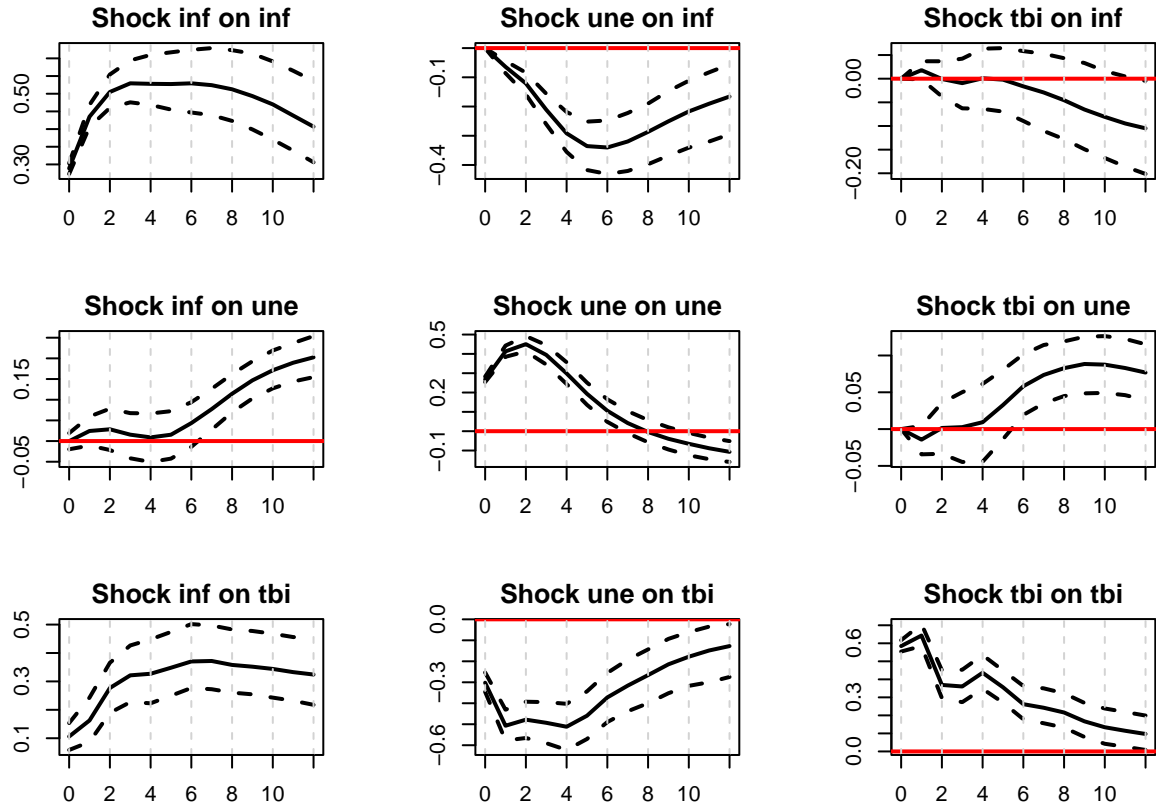
```
mean_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 1.50113429 0.09550179 0.1697832
## [2,] -0.20683902 1.51525106 -0.6465219
## [3,] 0.03044016 -0.02562298 1.1007987
## [4,] -0.48463743 -0.18723871 0.3494504
## [5,] 0.19308851 -0.60621373 0.6618942
## [6,] -0.08441893 0.06703515 -0.6017617
## [7,] -0.06825208 0.07779605 -0.6192322
## [8,] -0.19067355 -0.14354145 -0.1234345
## [9,] 0.07648881 -0.06683741 0.5901852
## [10,] 0.05484792 0.04271635 0.2019359
## [11,] 0.15321278 0.14146568 0.1179055
## [12,] -0.02499683 0.05196977 -0.1845643
## [13,] 0.30686402 0.29485122 0.1109357
```

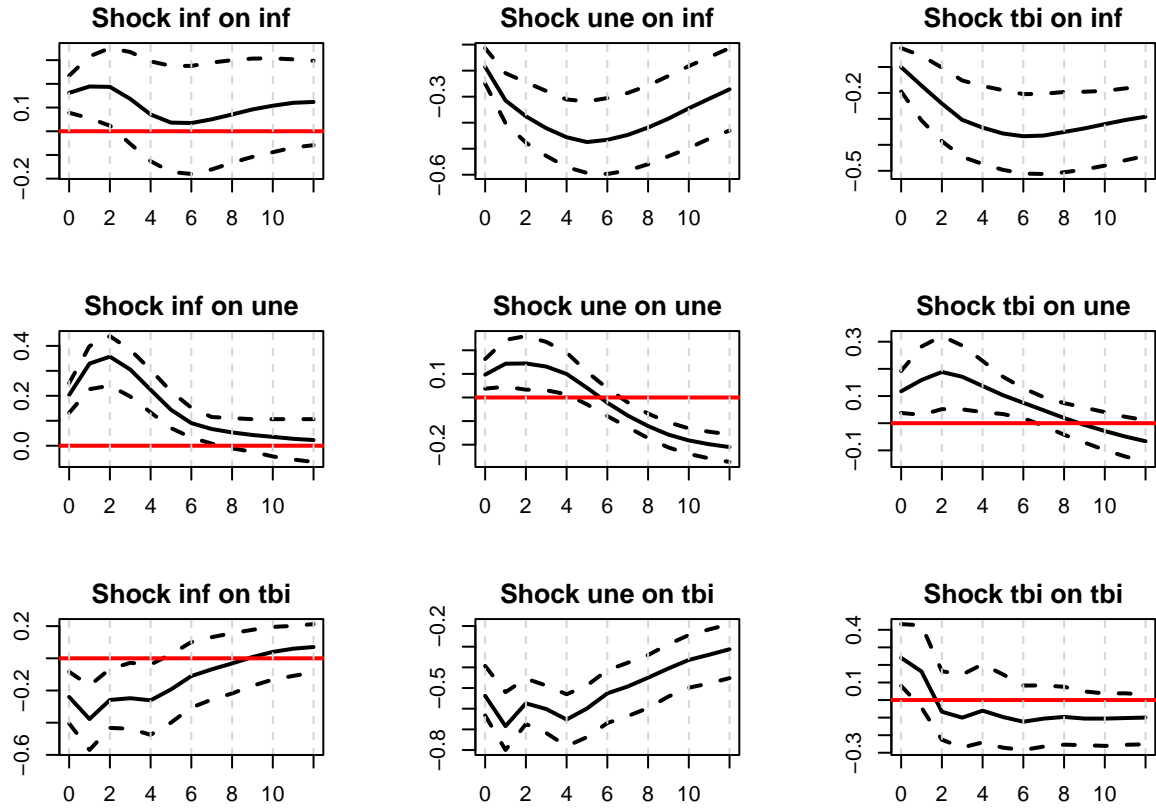
```
sd_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 0.07641612 0.06769958 0.17250474
## [2,] 0.08721968 0.08031498 0.20003704
## [3,] 0.03417992 0.03259524 0.08377107
## [4,] 0.13404882 0.11989469 0.31553600
## [5,] 0.15087943 0.14286562 0.36878332
## [6,] 0.04827994 0.04557062 0.11818701
## [7,] 0.13151561 0.12316691 0.31578885
## [8,] 0.14621389 0.13931271 0.36641781
## [9,] 0.05075764 0.04584569 0.11735943
## [10,] 0.07663863 0.07150961 0.17453694
## [11,] 0.08027657 0.07264294 0.19073758
## [12,] 0.03619578 0.03391186 0.08472175
## [13,] 0.10306386 0.09658366 0.24307234
```

```
##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100
```



```
##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100
```



```
##      Lambda Value
## 1 Lambda 1      100
## 2 Lambda 2      500
## 3 Lambda 3      100
```

