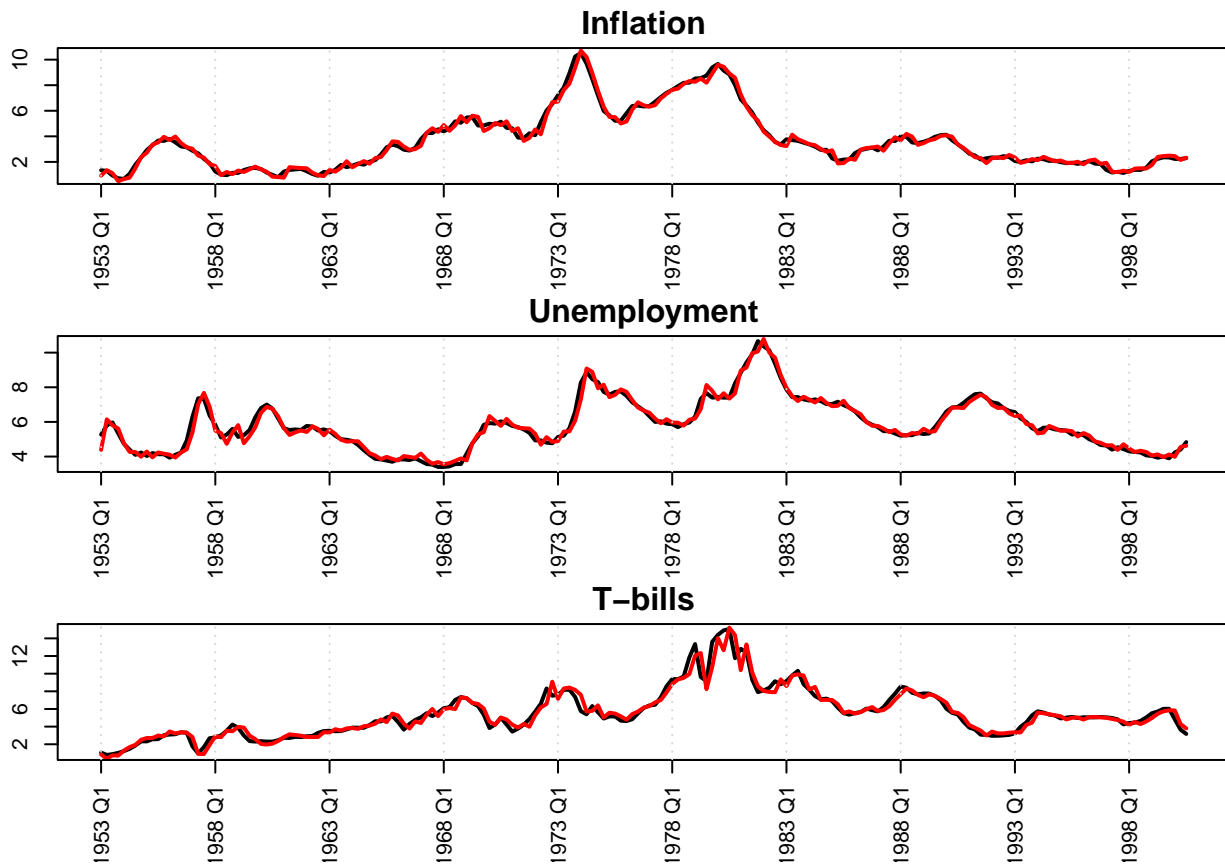


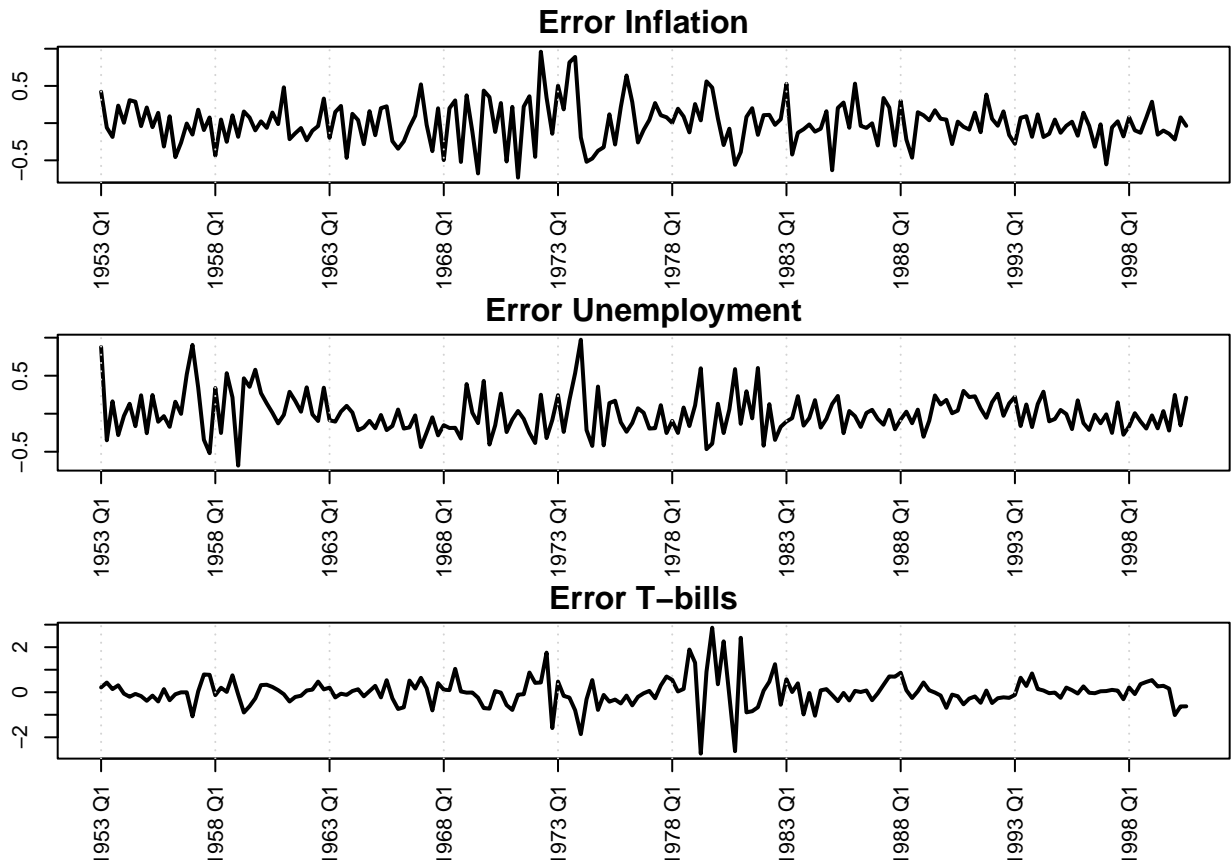
# HW4

Gabriel Konecny

2023-06-03

Plots should start here:

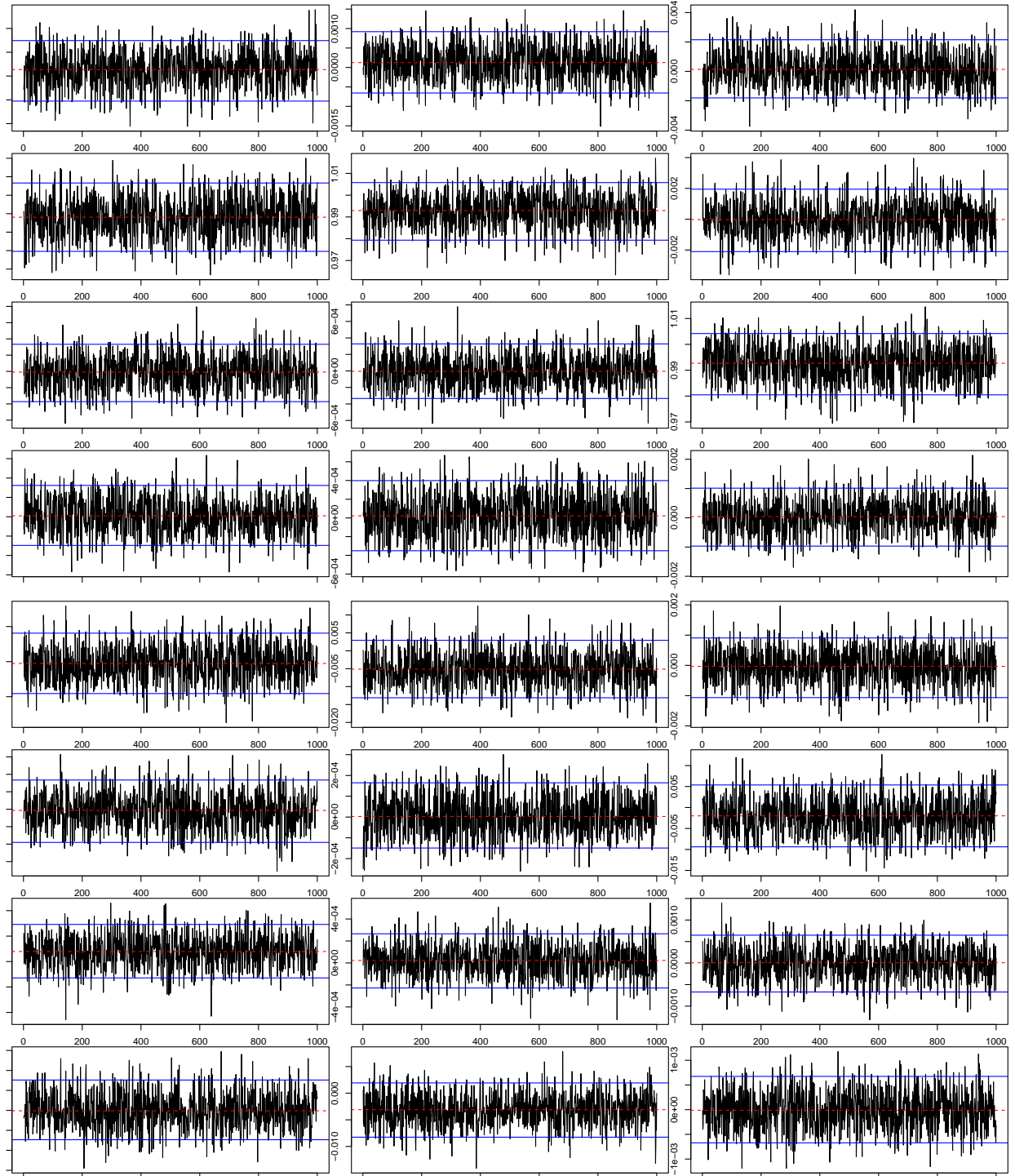


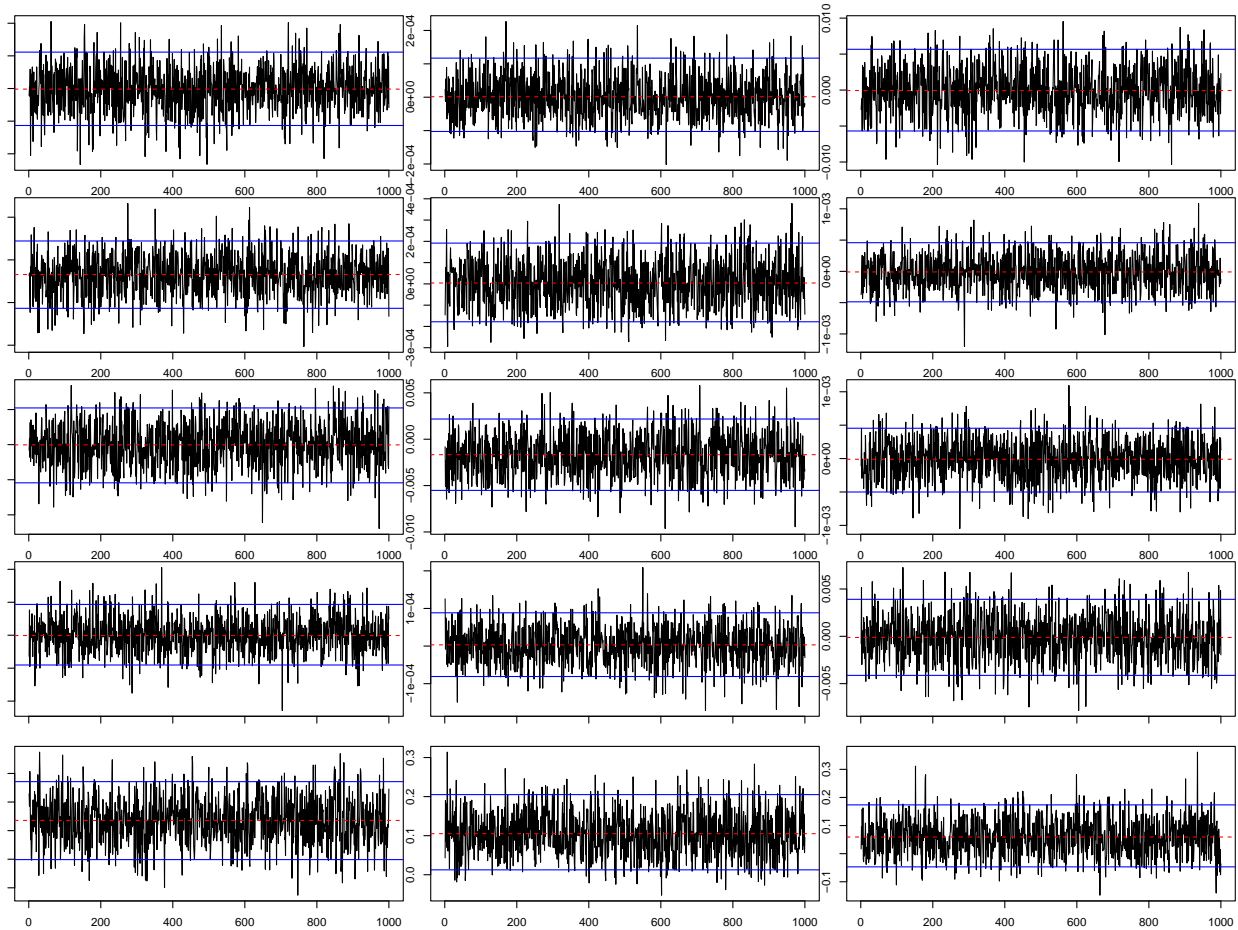


```

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

```





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

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

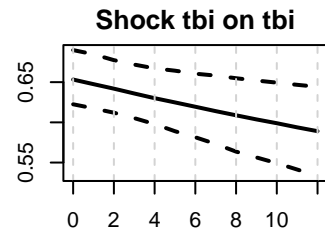
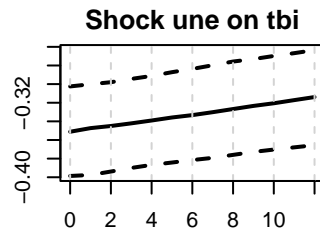
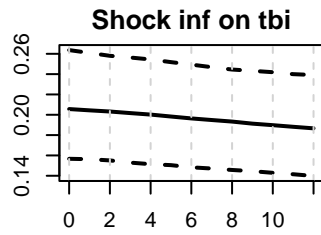
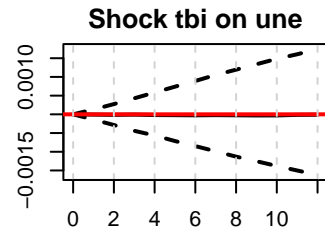
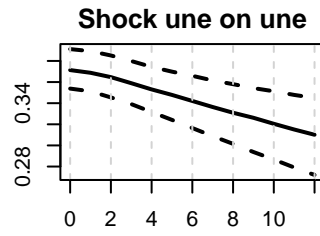
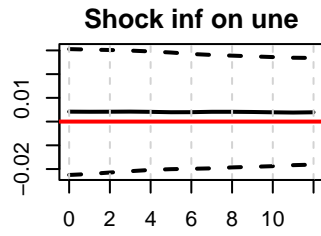
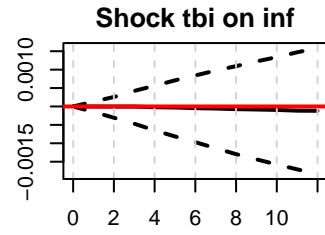
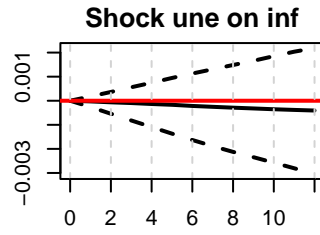
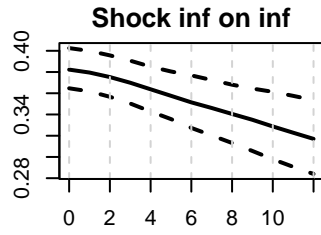
```
mean_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 9.927226e-01 1.247805e-04 1.365643e-04
## [2,] -9.496282e-05 9.929143e-01 -2.389681e-05
## [3,] -7.947678e-06 -4.899154e-06 9.927026e-01
## [4,] -4.763447e-03 2.201566e-05 4.033094e-05
## [5,] -2.557022e-05 -5.119504e-03 -3.328246e-05
## [6,] -6.881599e-06 2.660116e-06 -1.988621e-03
## [7,] -3.029180e-03 2.258429e-05 8.426738e-06
## [8,] -4.330589e-06 -3.094168e-03 -1.352014e-05
## [9,] -1.860092e-06 1.461728e-06 -6.034175e-05
## [10,] -1.712837e-03 4.040758e-06 -8.928111e-06
## [11,] -1.204204e-06 -1.667755e-03 -1.027909e-05
## [12,] -9.308187e-07 3.181833e-06 -1.210420e-04
## [13,] 6.781220e-02 1.051280e-01 5.929628e-02
```

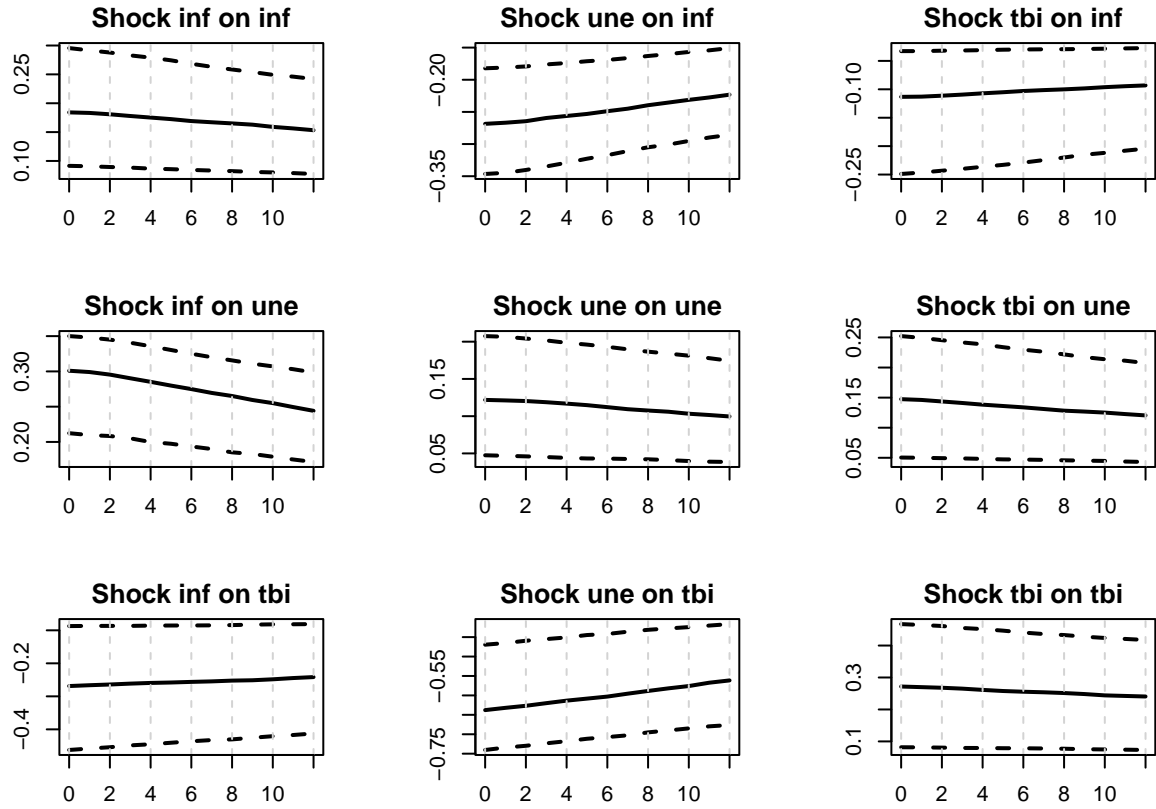
```
sd_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 7.819901e-03 4.748030e-04 0.0012110484
## [2,] 5.519229e-04 8.012285e-03 0.0012149928
## [3,] 2.146041e-04 2.048990e-04 0.0073608880
## [4,] 4.805639e-03 2.283163e-04 0.0005935595
## [5,] 2.628874e-04 4.861043e-03 0.0006092680
## [6,] 1.067991e-04 9.793274e-05 0.0045471612
## [7,] 3.256490e-03 1.498952e-04 0.0003946345
## [8,] 1.834129e-04 3.093777e-03 0.0004114443
## [9,] 7.144518e-05 6.672914e-05 0.0033510975
## [10,] 2.449219e-03 1.129531e-04 0.0002915821
## [11,] 1.289050e-04 2.408728e-03 0.0003069328
## [12,] 5.539259e-05 5.244666e-05 0.0024448053
## [13,] 4.177160e-02 5.879419e-02 0.0680996758
```

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



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



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

