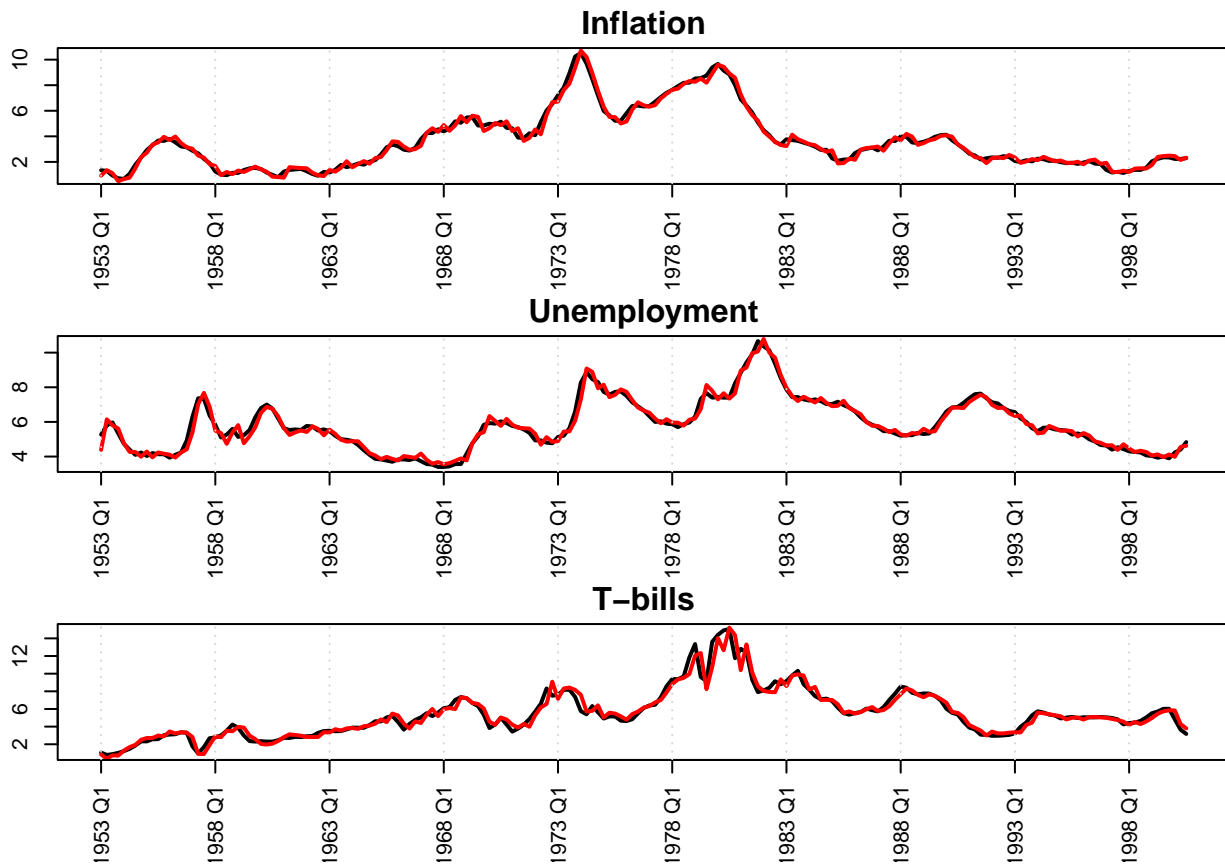


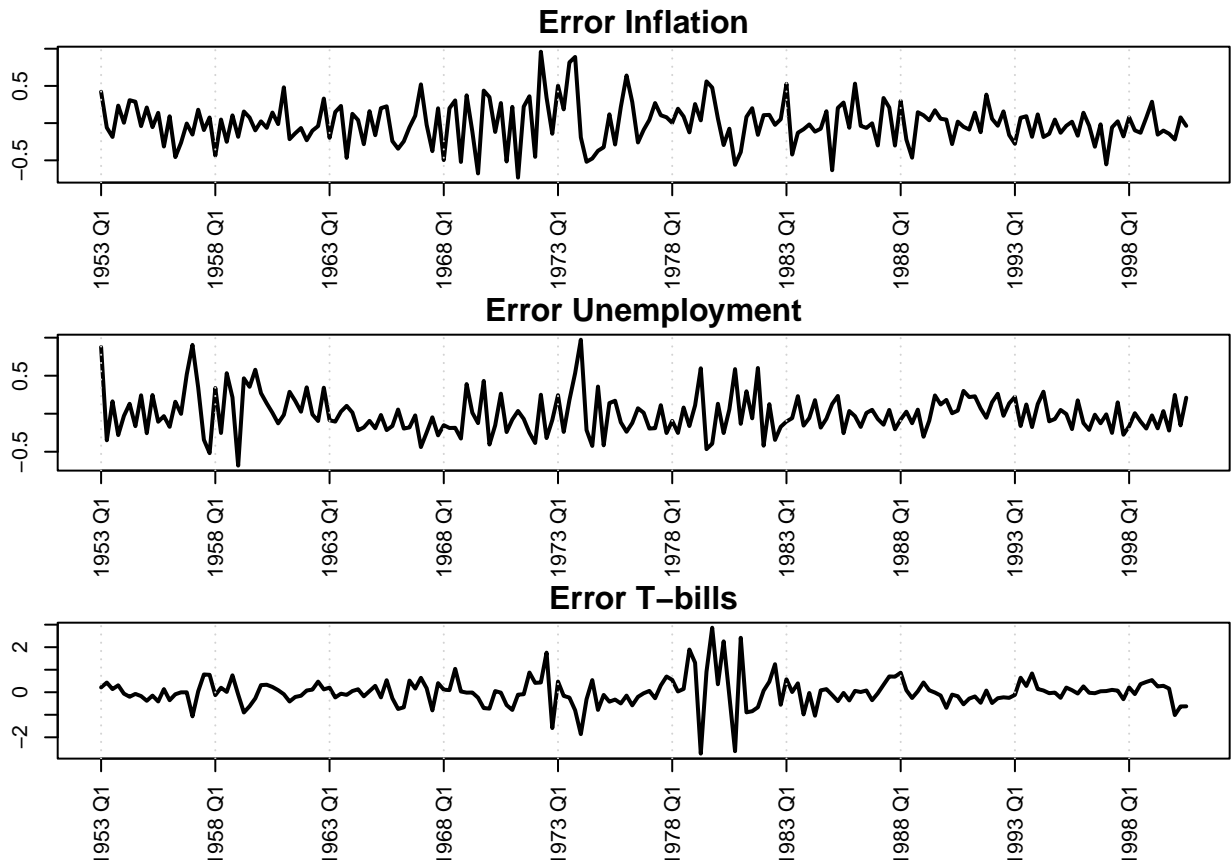
HW4

Gabriel Konecny

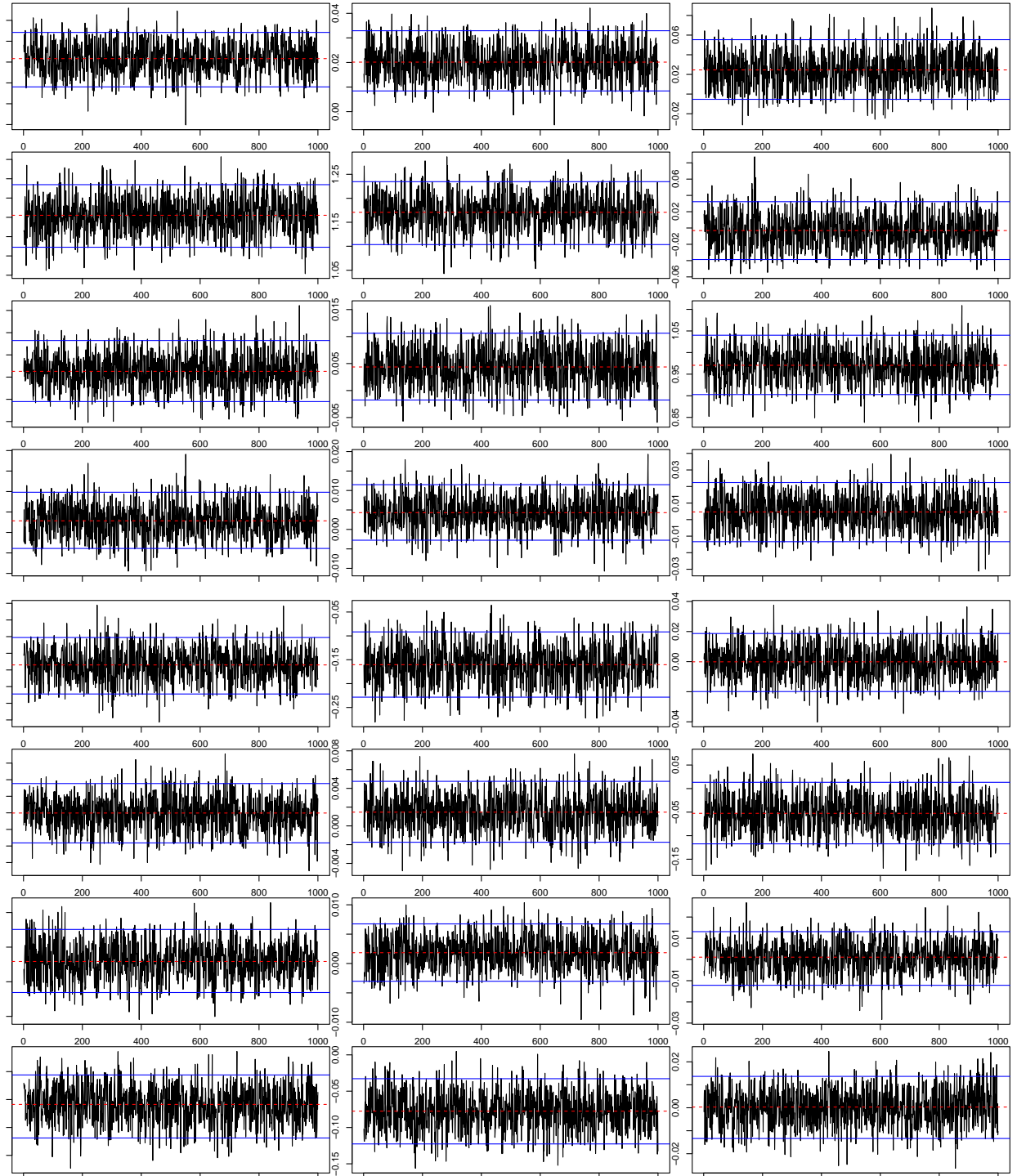
2023-06-03

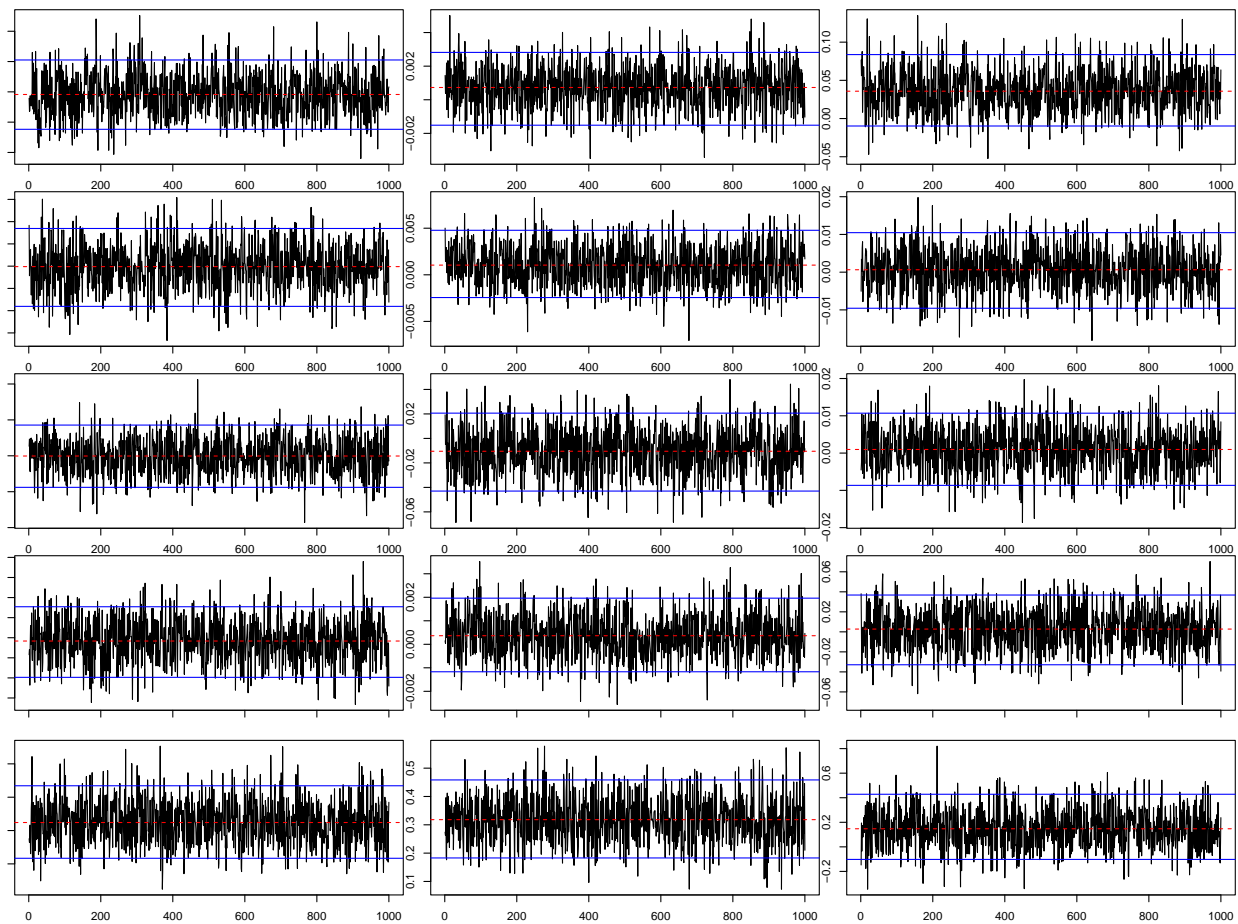
Plots should start here:





```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.1
## 3 Lambda 3 100.0
```





```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.1
## 3 Lambda 3 100.0
```

```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.1
## 3 Lambda 3 100.0
```

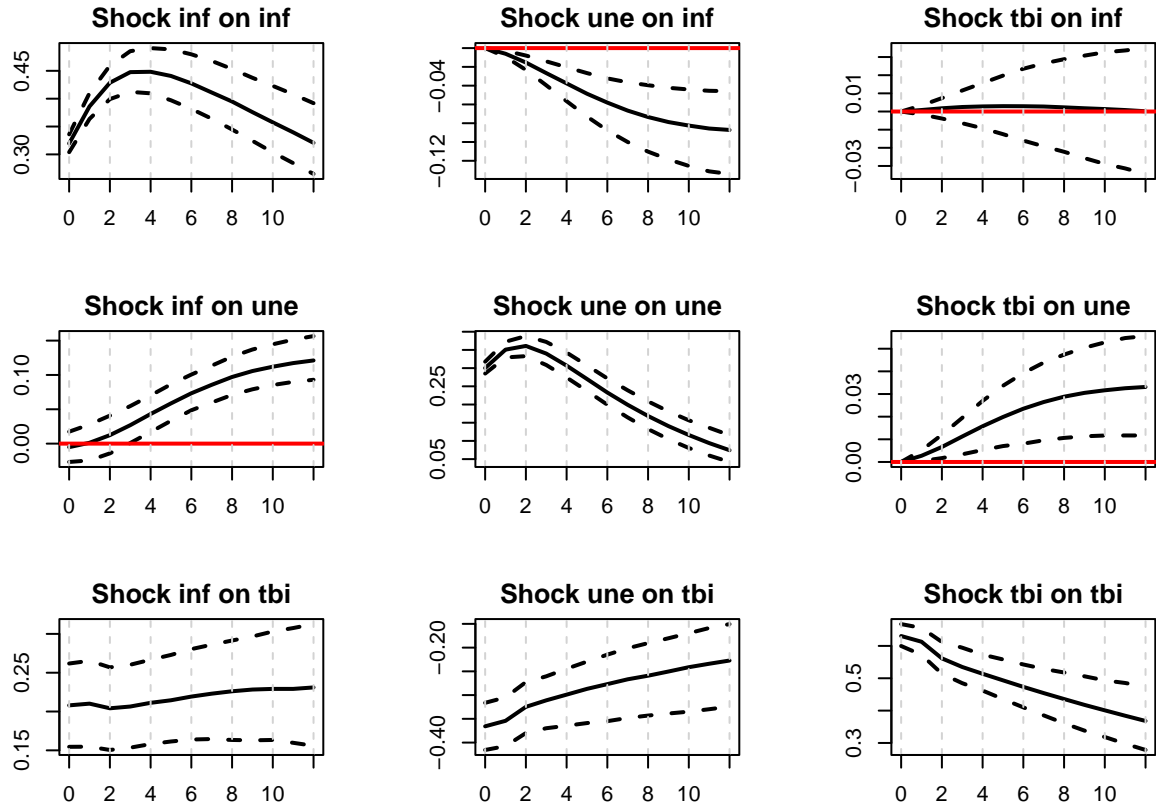
```
mean_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 1.208289e+00 0.0201425737 0.0245681538
## [2,] -1.893710e-02 1.1708241610 -0.0031510517
## [3,] 1.291261e-03 0.0043668961 0.9705690363
## [4,] -1.216811e-01 0.0043085721 0.0046209659
## [5,] -3.495852e-03 -0.1603989458 -0.0001303189
## [6,] -2.289923e-05 0.0014623427 -0.0526150737
## [7,] -7.067341e-02 0.0018402695 0.0010811282
## [8,] -8.720005e-04 -0.0774965560 0.0003091326
## [9,] -1.732131e-04 0.0007297346 0.0357895898
## [10,] -4.042392e-02 0.0010407948 0.0006397360
## [11,] -2.916986e-05 -0.0104886081 0.0009690857
## [12,] -1.644044e-04 0.0003650623 0.0027719249
## [13,] 2.240886e-01 0.3181800327 0.1472088969
```

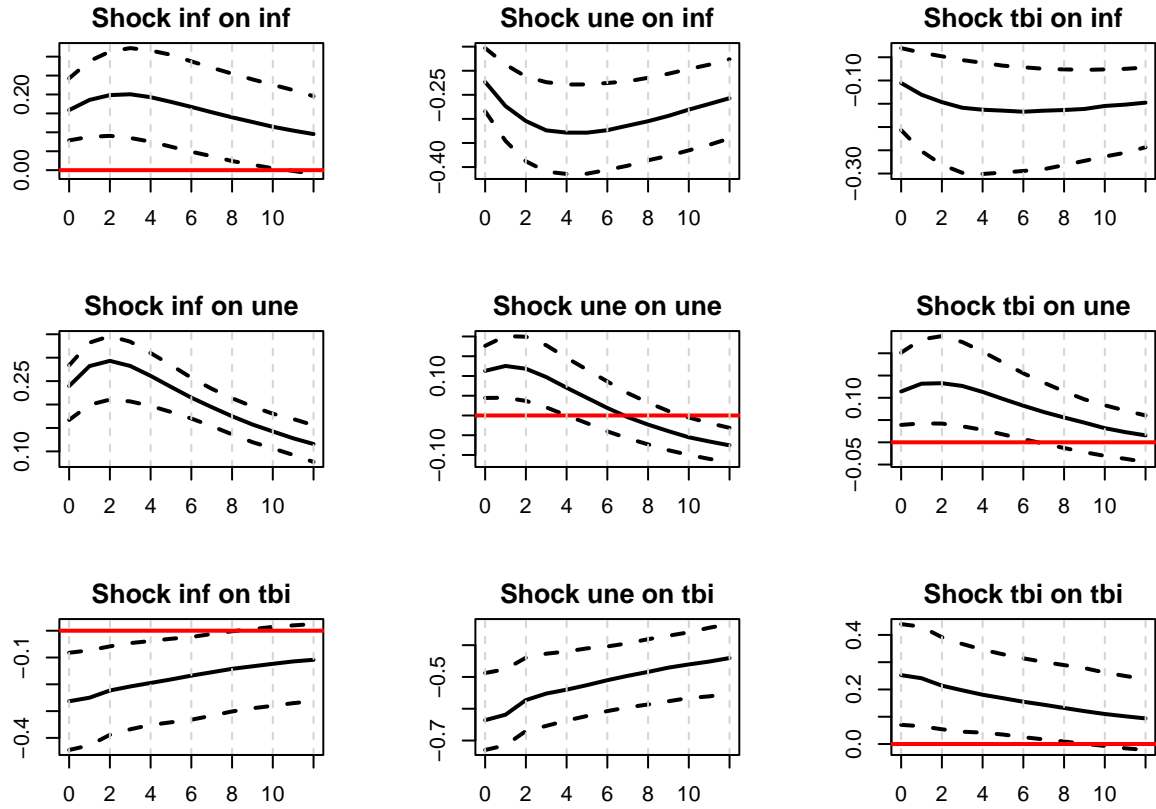
```
sd_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 0.039770058 0.0073771959 0.018747292
## [2,] 0.009838601 0.0390792003 0.021301173
## [3,] 0.004085866 0.0037587441 0.041570510
## [4,] 0.041901364 0.0043742553 0.010814553
## [5,] 0.005157443 0.0416600177 0.011923207
## [6,] 0.002128828 0.0020315122 0.040268693
## [7,] 0.027406961 0.0029801435 0.007748079
## [8,] 0.003446878 0.0271200216 0.008324163
## [9,] 0.001458281 0.0012957048 0.028774039
## [10,] 0.020694443 0.0022482208 0.005812680
## [11,] 0.002651252 0.0193916874 0.005993468
## [12,] 0.001098033 0.0009490544 0.021342967
## [13,] 0.067902284 0.0834101881 0.161926963
```

```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.1
## 3 Lambda 3    100.0
```



```
##      Lambda Value
## 1 Lambda 1    0.1
## 2 Lambda 2    0.1
## 3 Lambda 3 100.0
```



```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.1
## 3 Lambda 3    100.0
```

