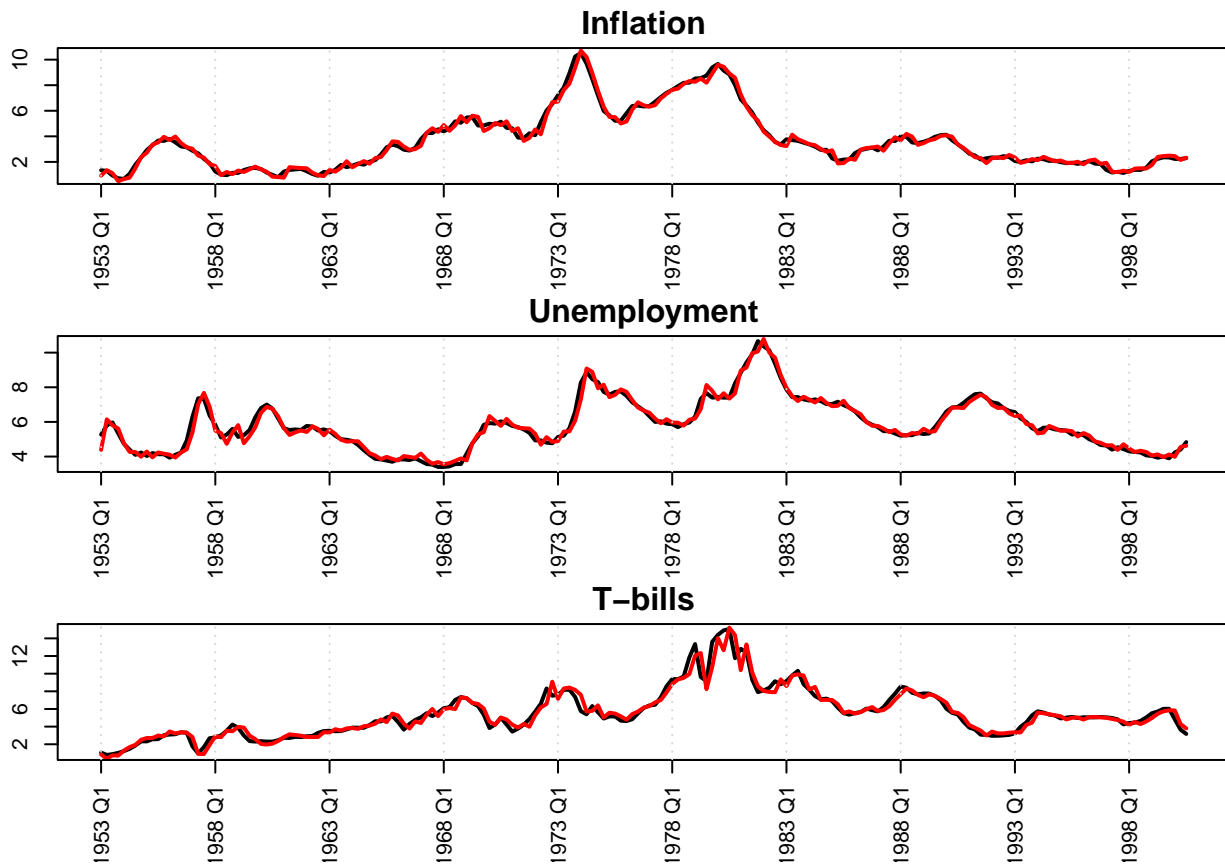


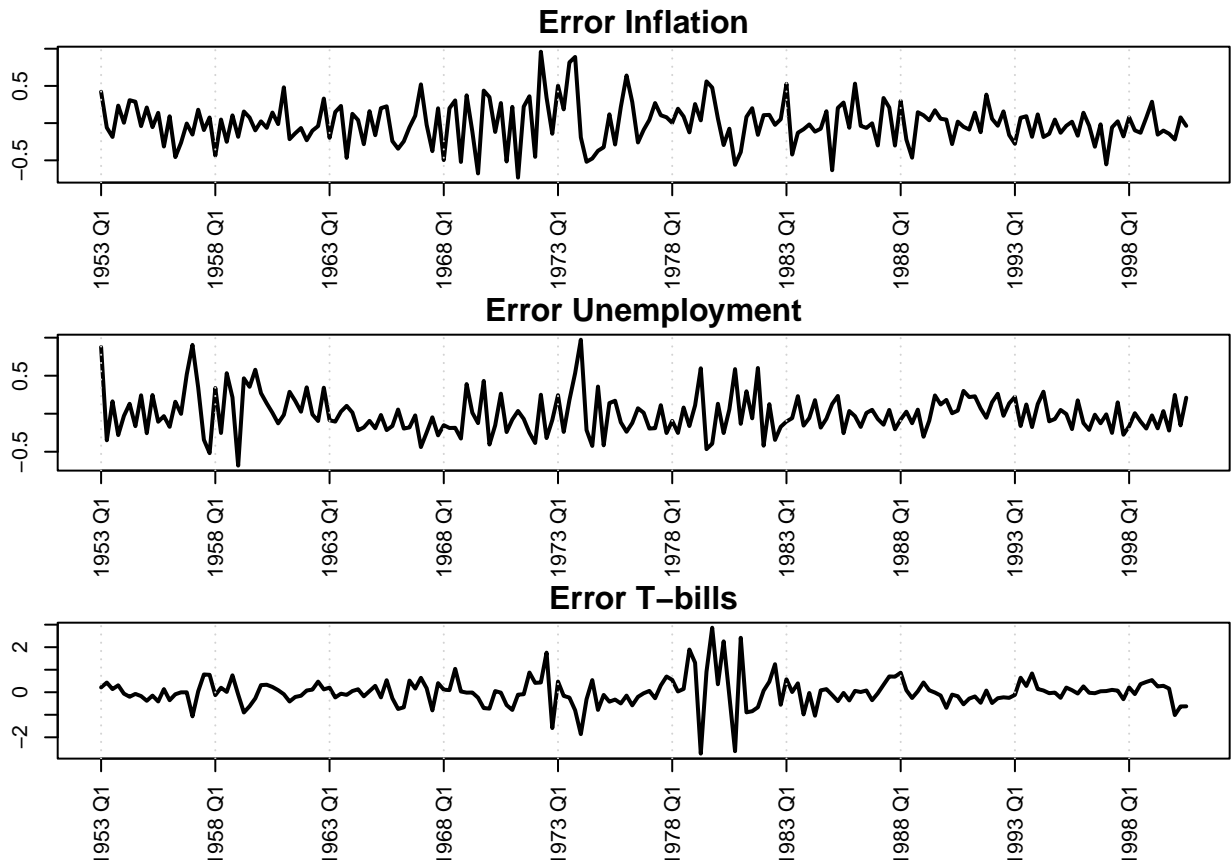
HW4

Gabriel Konecny

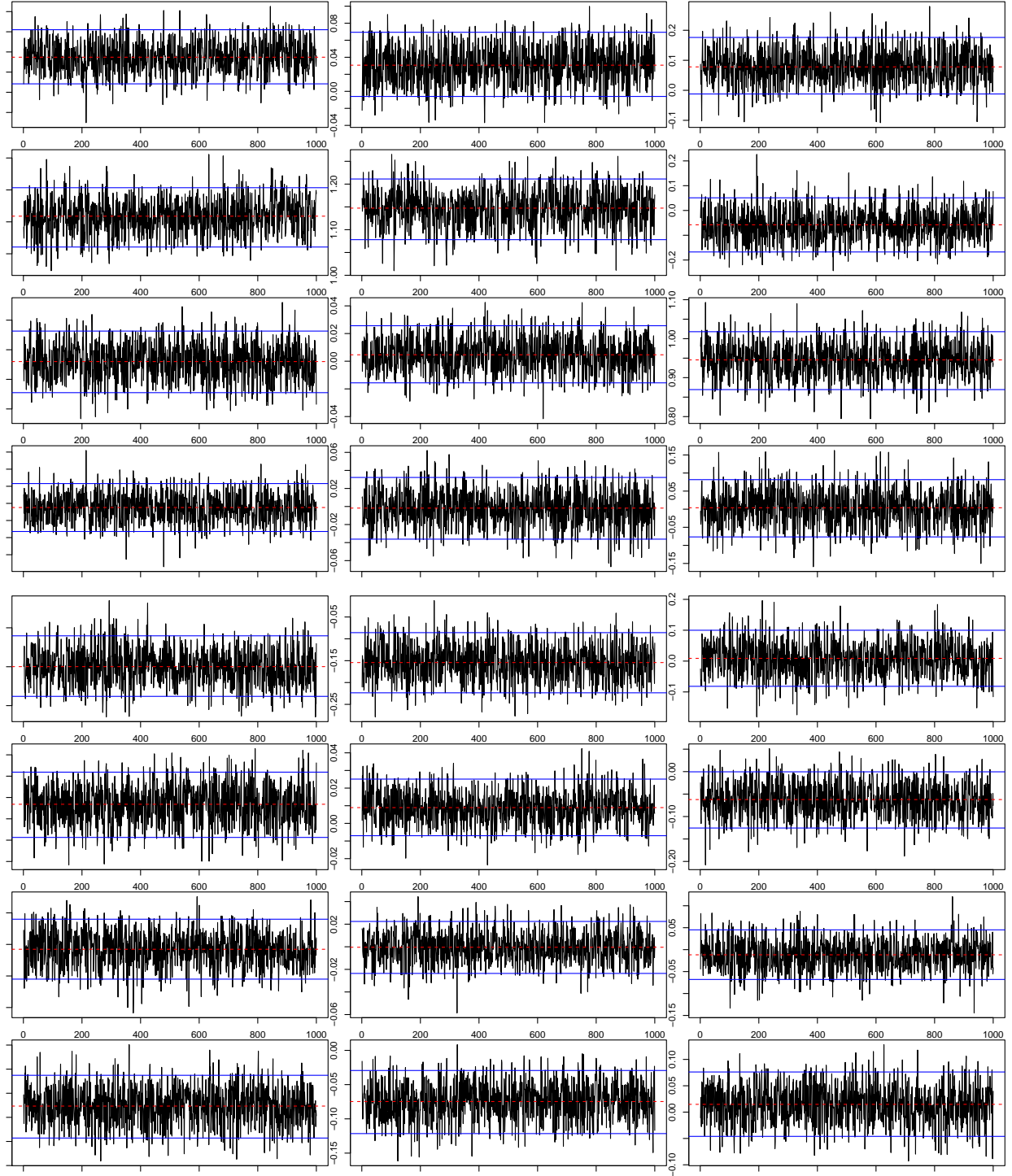
2023-06-03

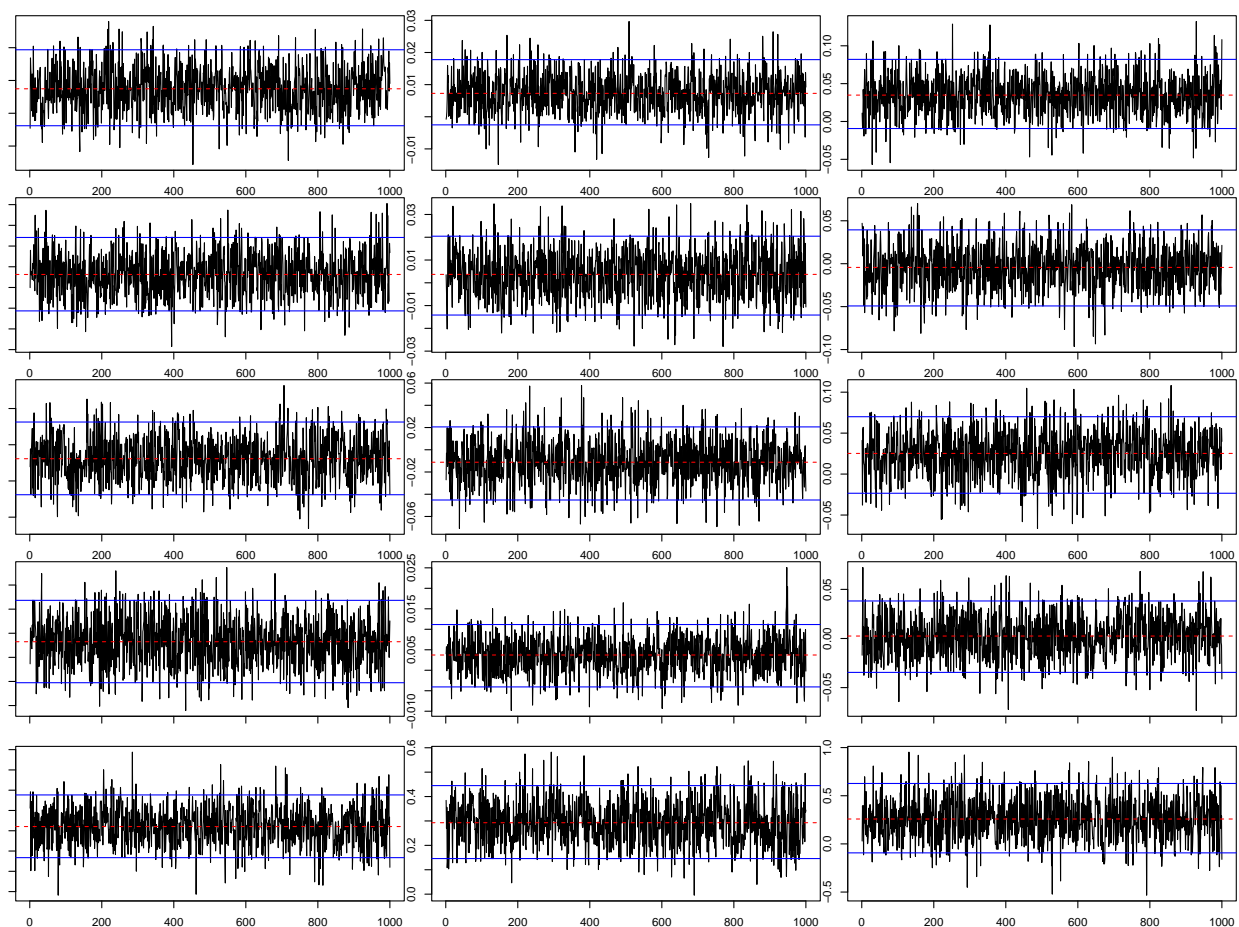
Plots should start here:





```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.5
## 3 Lambda 3    100.0
```





```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.5
## 3 Lambda 3    100.0
```

```
##      Lambda Value
## 1 Lambda 1    0.1
## 2 Lambda 2    0.5
## 3 Lambda 3 100.0
```

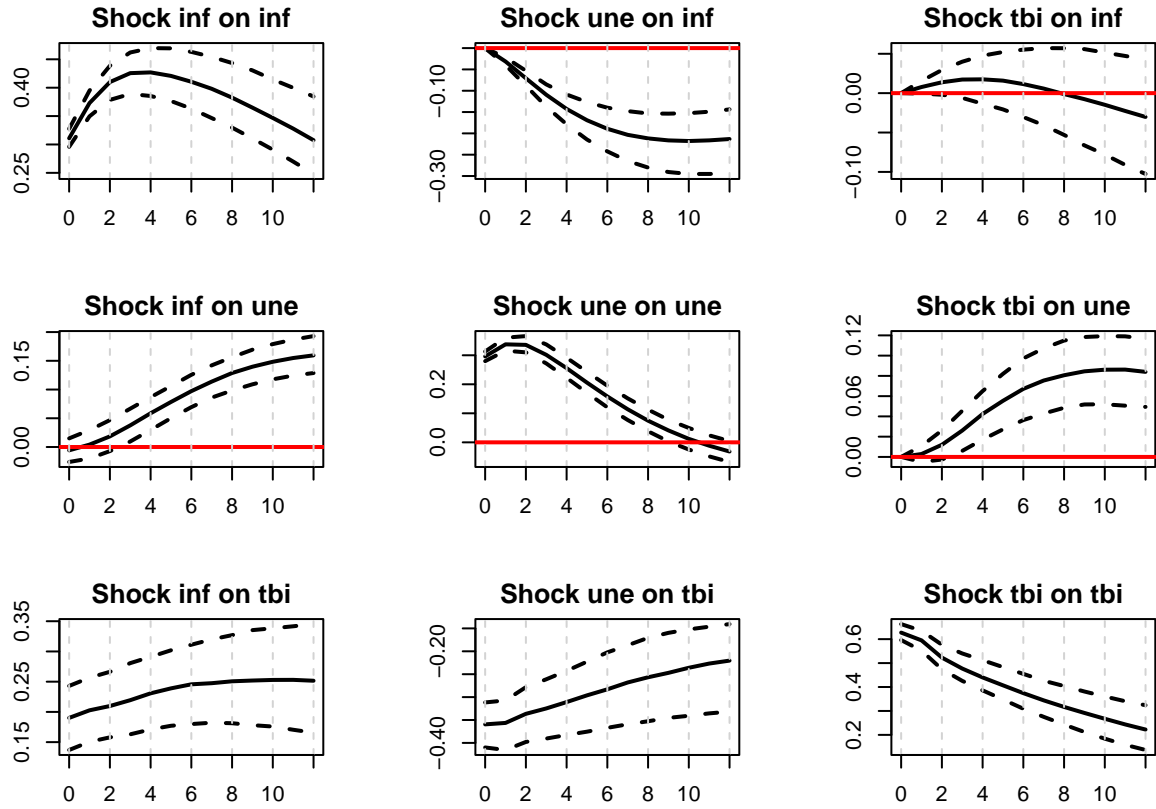
```
mean_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 1.1869737409 0.0307077588 0.078058472
## [2,] -0.0911239980 1.1472750690 -0.057835606
## [3,] 0.0120066994 0.0046499503 0.945512418
## [4,] -0.1120661119 -0.0017710669 0.003959823
## [5,] 0.0001427858 -0.1542813583 0.008877474
## [6,] -0.0031750401 0.0089448209 -0.062188824
## [7,] -0.0576844792 -0.0004278102 -0.011760157
## [8,] 0.0093524555 -0.0747201468 0.014753661
## [9,] -0.0025354566 0.0072771734 0.034842806
## [10,] -0.0274536376 0.0036873215 -0.004332003
## [11,] 0.0122709070 -0.0112080838 0.025210074
## [12,] -0.0017566358 0.0037232109 0.002507592
## [13,] 0.4208462460 0.2928079033 0.258447785
```

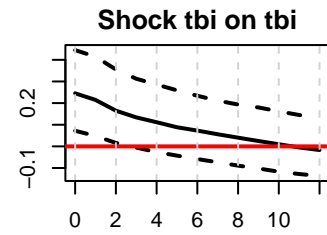
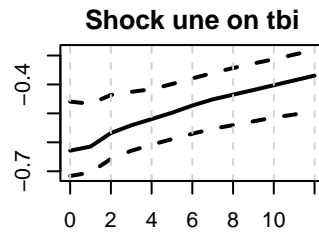
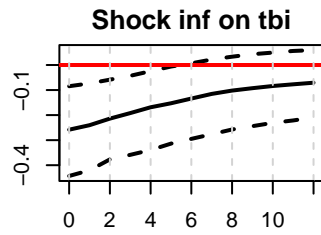
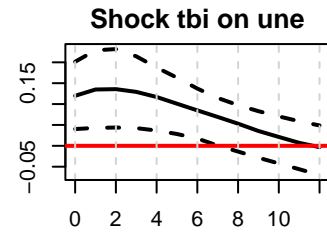
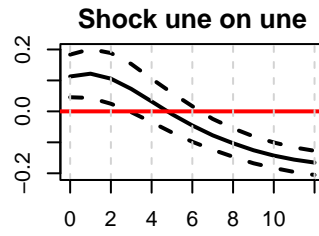
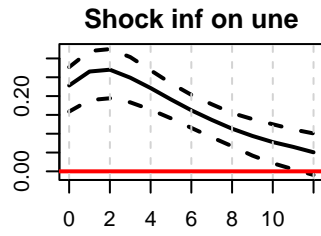
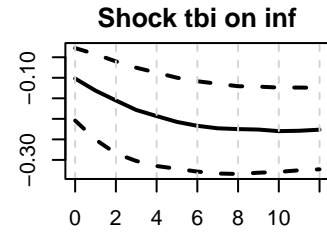
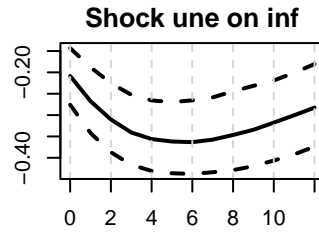
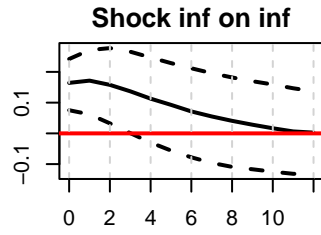
```
sd_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 0.040493531 0.022760424 0.05841661
## [2,] 0.028069359 0.040548527 0.06579154
## [3,] 0.012776851 0.012583706 0.04462441
## [4,] 0.042928008 0.020451272 0.04969236
## [5,] 0.023526009 0.041734581 0.05634208
## [6,] 0.009532931 0.009552783 0.03901131
## [7,] 0.028392189 0.013950525 0.03548657
## [8,] 0.015973411 0.027545283 0.03704010
## [9,] 0.006972563 0.006316253 0.02804894
## [10,] 0.021804734 0.010816602 0.02663073
## [11,] 0.012385673 0.020324603 0.02848882
## [12,] 0.005221739 0.004645782 0.02237922
## [13,] 0.097555512 0.092134913 0.22471816
```

```
##      Lambda Value
## 1 Lambda 1    0.1
## 2 Lambda 2    0.5
## 3 Lambda 3 100.0
```



```
##      Lambda Value
## 1 Lambda 1      0.1
## 2 Lambda 2      0.5
## 3 Lambda 3    100.0
```



Lambda Value
1 Lambda 1 0.1
2 Lambda 2 0.5
3 Lambda 3 100.0

