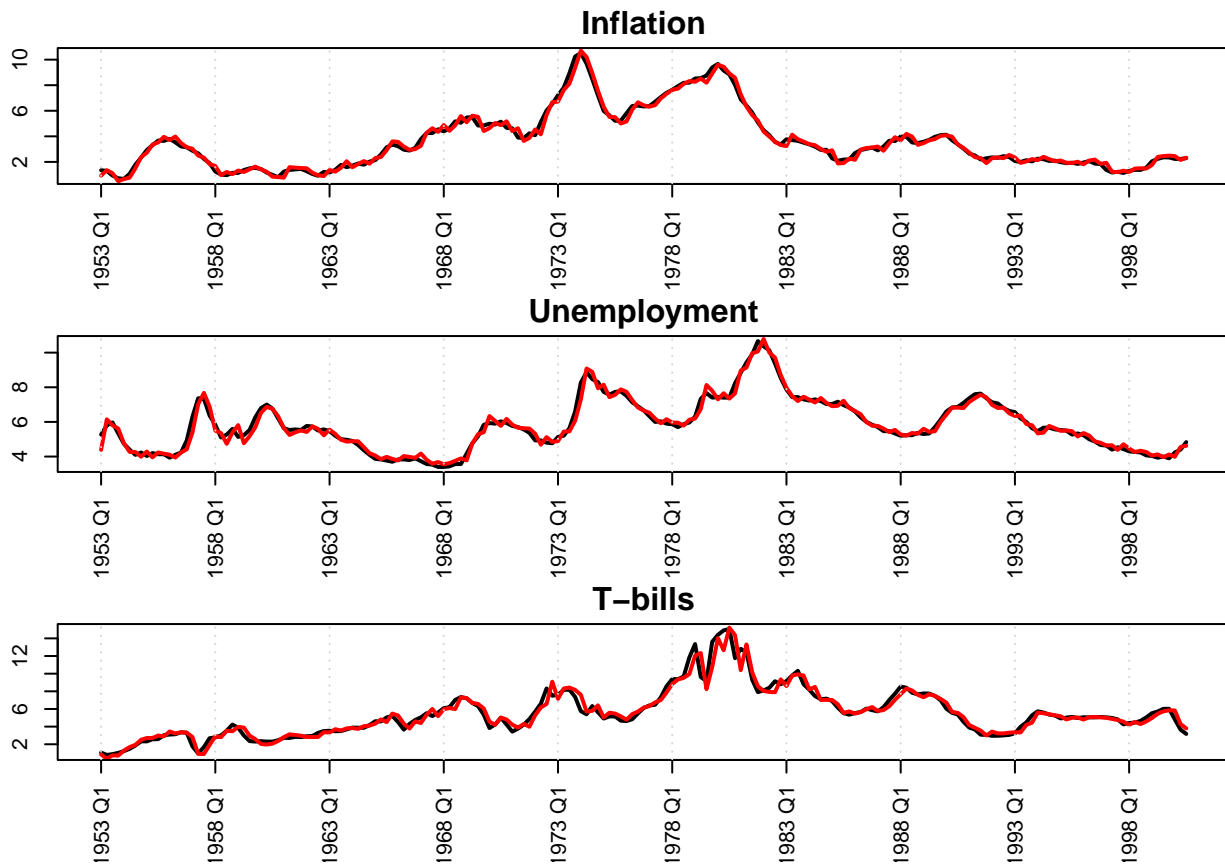


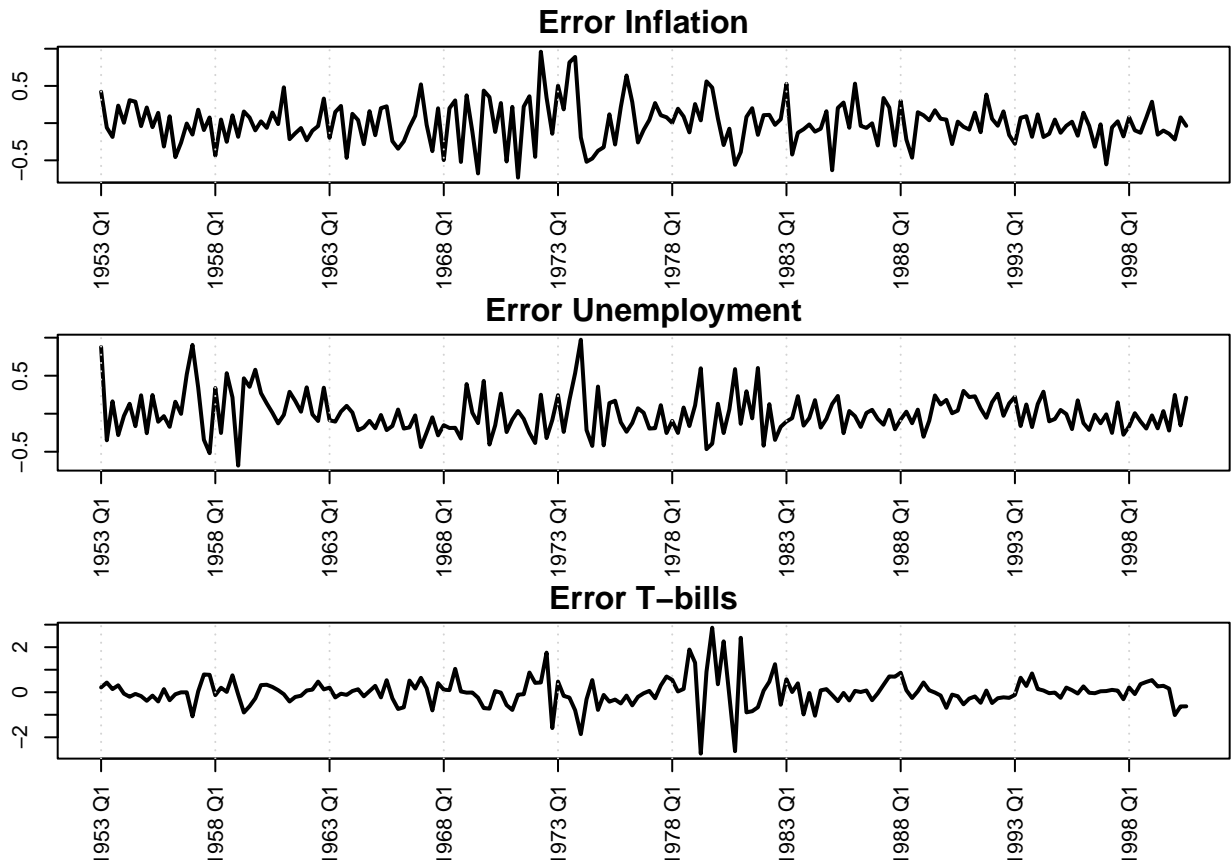
# HW4

Gabriel Konecny

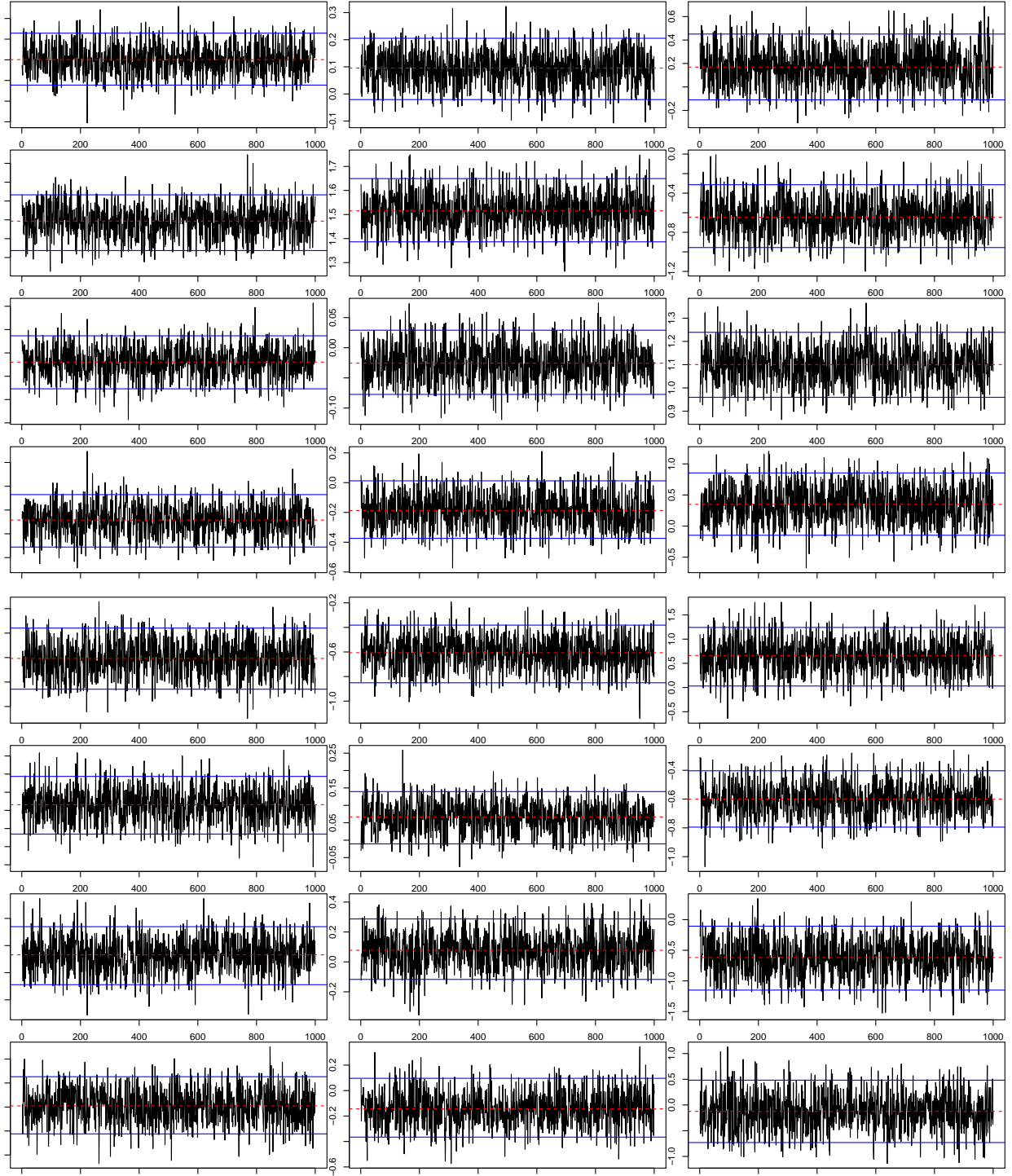
2023-06-03

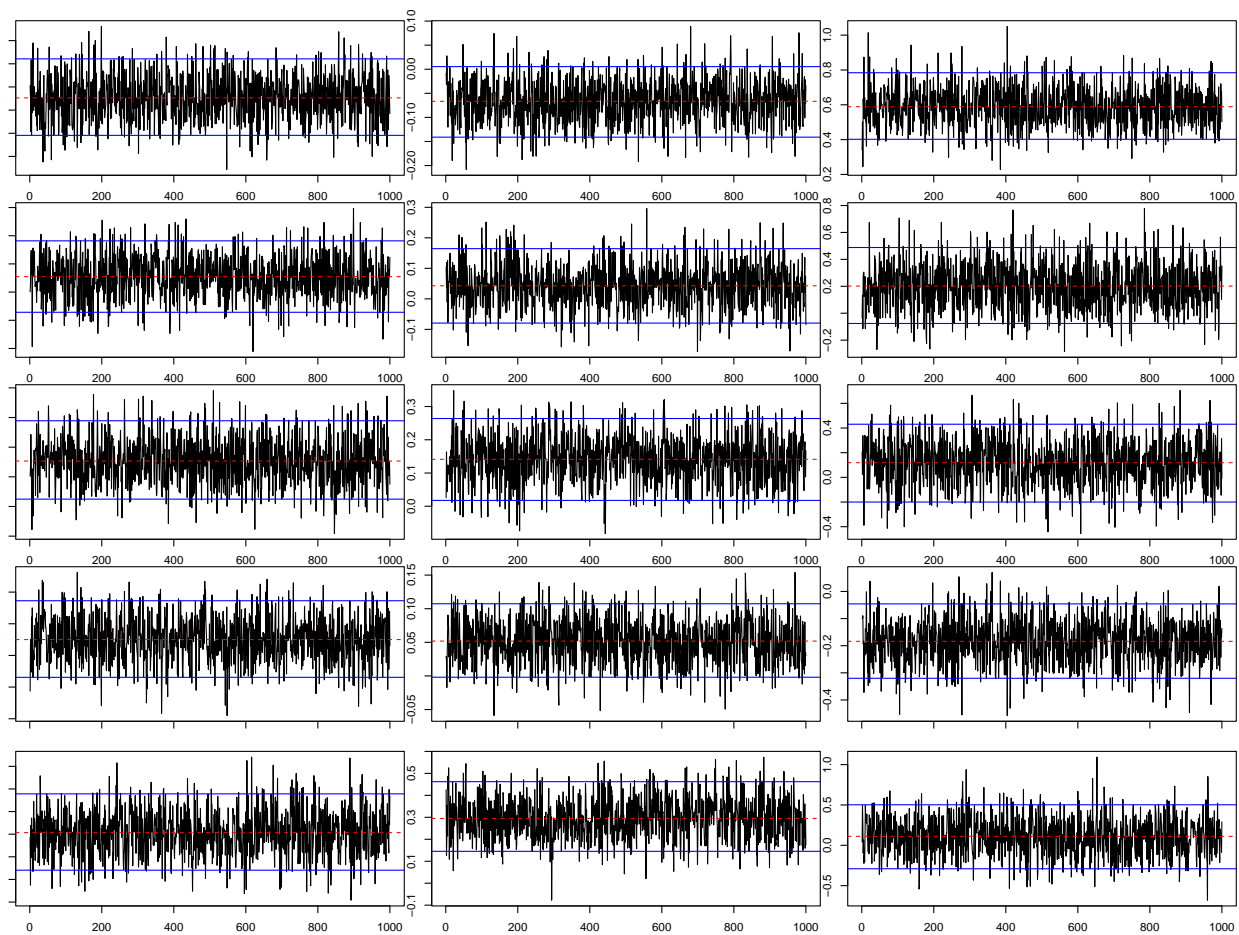
Plots should start here:





```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```





```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```

```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```

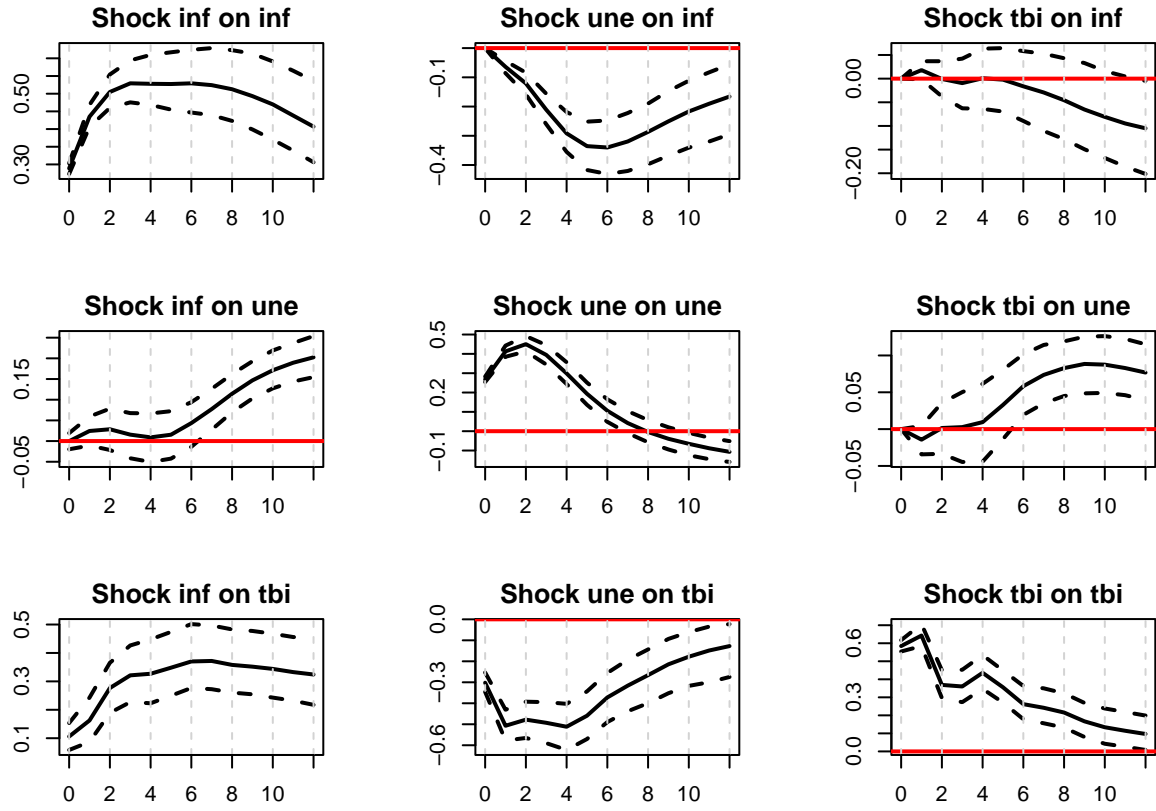
```
mean_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 1.50096816 0.09554242 0.1696715
## [2,] -0.20684549 1.51513023 -0.6466530
## [3,] 0.03041879 -0.02557151 1.1004175
## [4,] -0.48436919 -0.18723153 0.3494539
## [5,] 0.19307415 -0.60610638 0.6623243
## [6,] -0.08436992 0.06690335 -0.6009238
## [7,] -0.06828409 0.07764114 -0.6186945
## [8,] -0.19071057 -0.14327355 -0.1245623
## [9,] 0.07640295 -0.06660860 0.5890352
## [10,] 0.05477844 0.04281391 0.2015454
## [11,] 0.15326738 0.14120736 0.1187032
## [12,] -0.02493905 0.05182937 -0.1838840
## [13,] 0.30688496 0.29486140 0.1110606
```

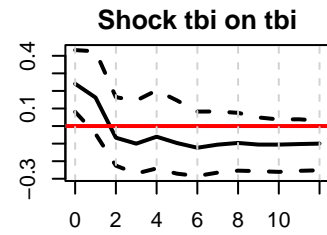
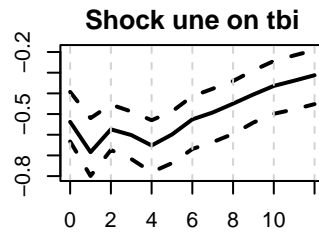
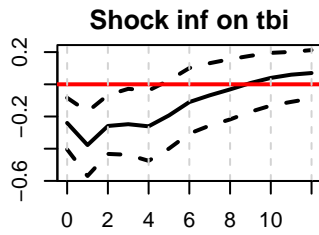
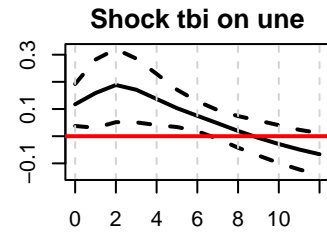
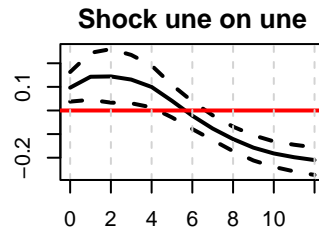
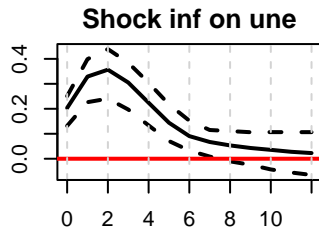
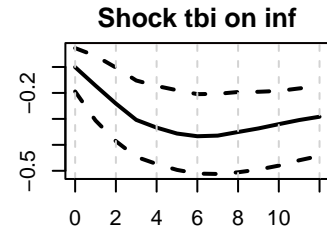
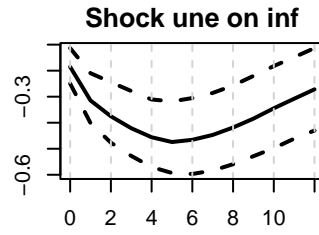
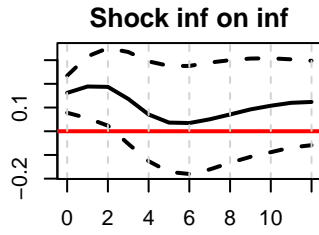
```
sd_table
```

```
##           [,1]      [,2]      [,3]
## [1,] 0.07638885 0.06769788 0.1724982
## [2,] 0.08721810 0.08027860 0.2000040
## [3,] 0.03417853 0.03259127 0.0837424
## [4,] 0.13393759 0.11989254 0.3155198
## [5,] 0.15087543 0.14271645 0.3686785
## [6,] 0.04827625 0.04555886 0.1181104
## [7,] 0.13134277 0.12316063 0.3157604
## [8,] 0.14620884 0.13909724 0.3662647
## [9,] 0.05075266 0.04582917 0.1172339
## [10,] 0.07656263 0.07150629 0.1745219
## [11,] 0.08027273 0.07255116 0.1906585
## [12,] 0.03619228 0.03390264 0.0846433
## [13,] 0.10305939 0.09658197 0.2430643
```

```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```



```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```



```
##      Lambda Value
## 1 Lambda 1      10
## 2 Lambda 2      50
## 3 Lambda 3     100
```

