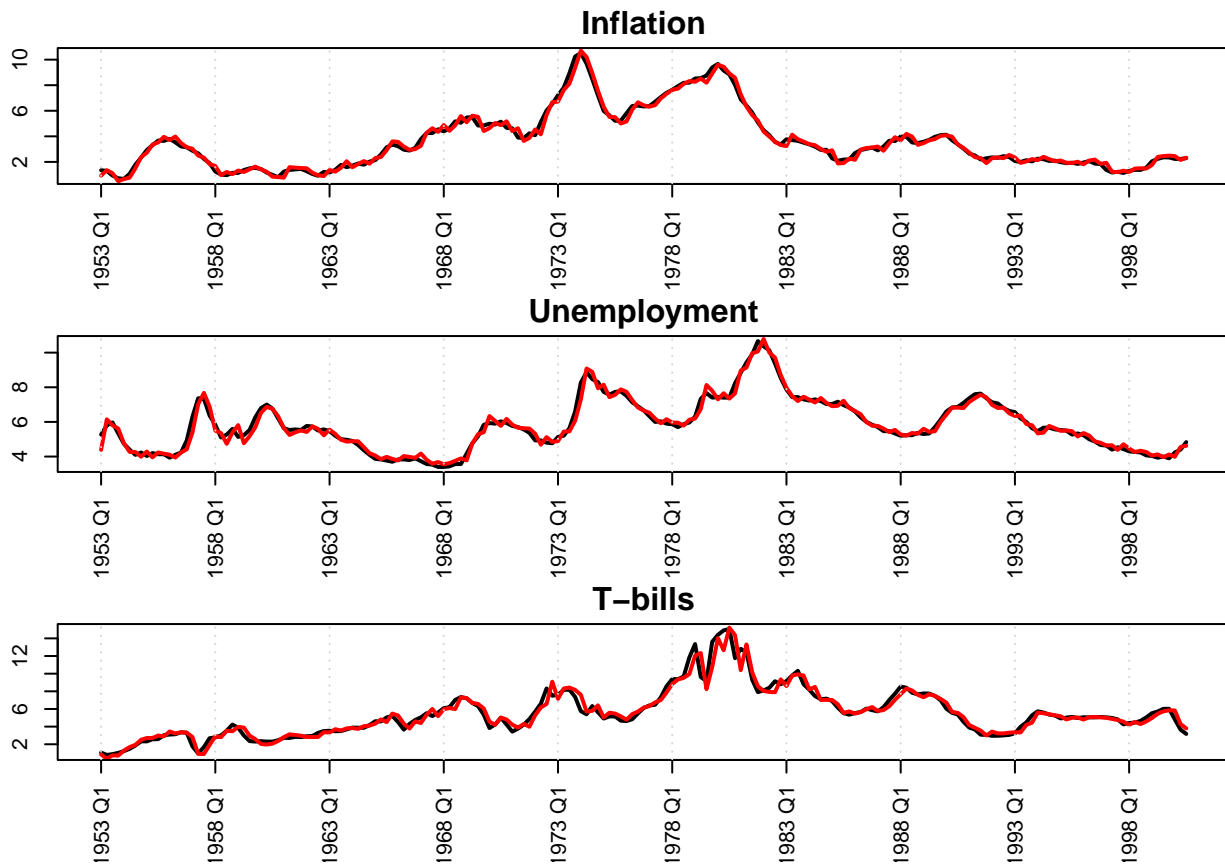


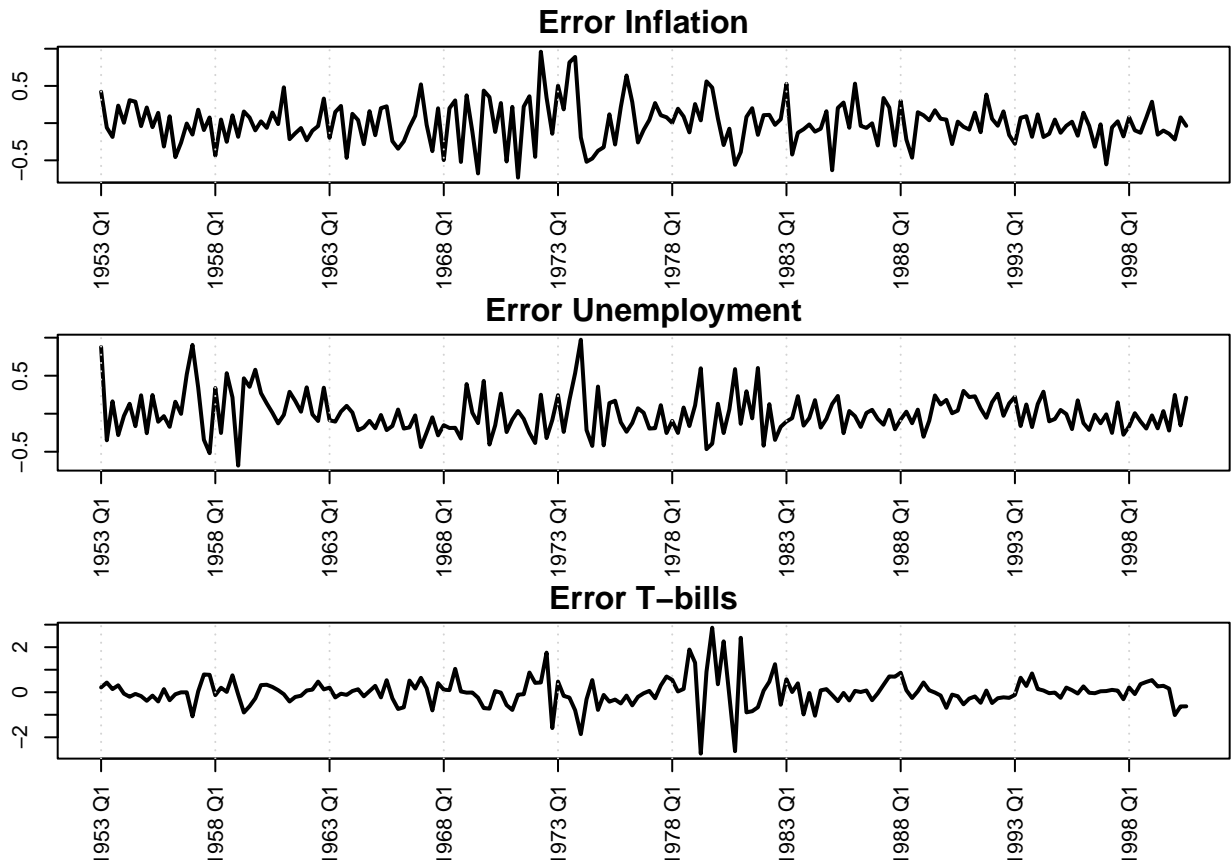
HW4

Gabriel Konecny

2023-06-03

Plots should start here:

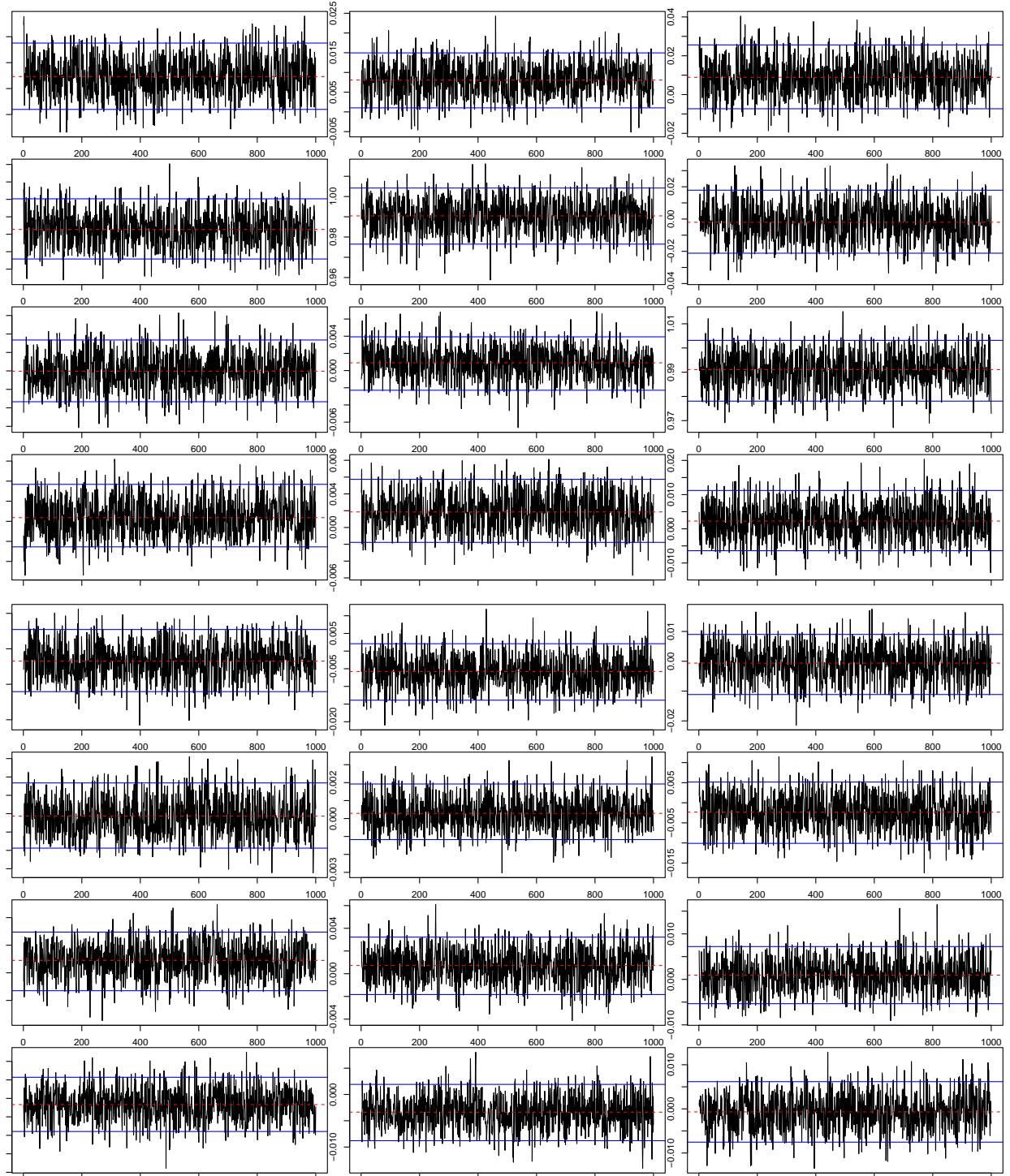


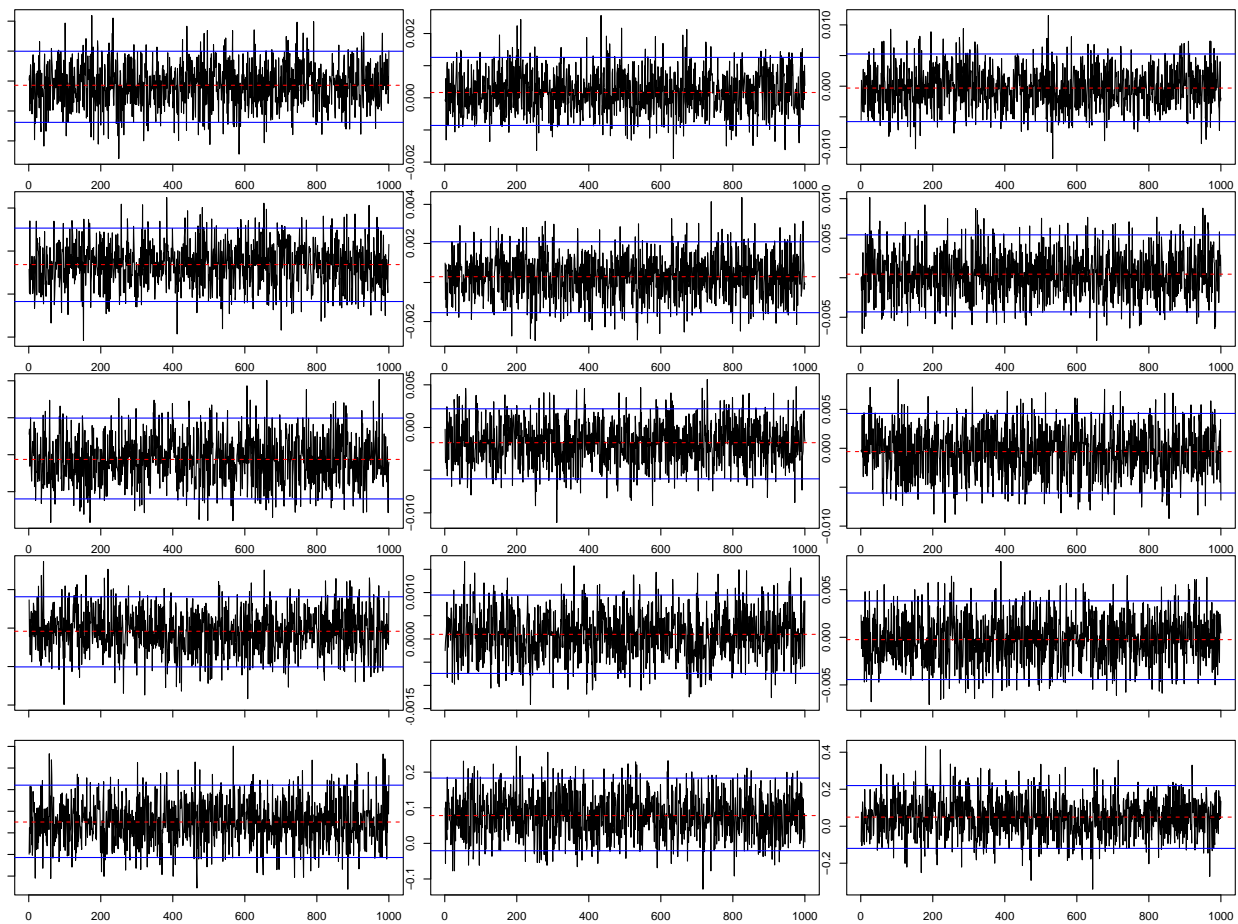


```

##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02

```





```
##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

```
##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

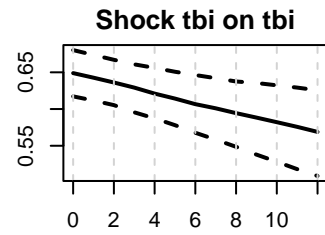
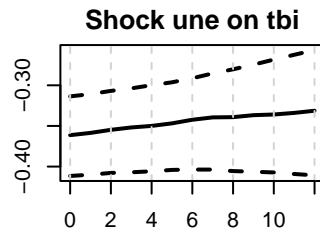
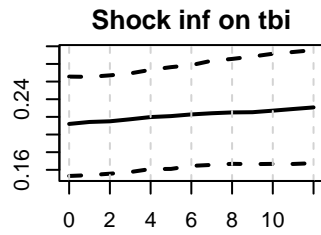
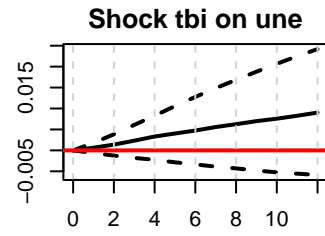
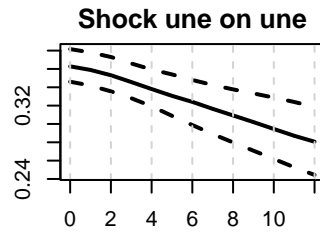
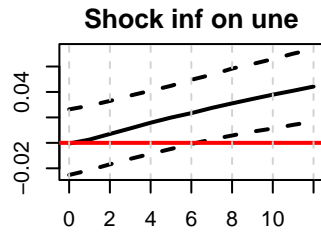
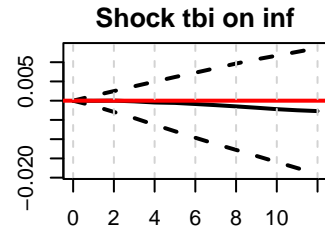
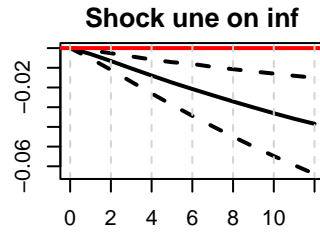
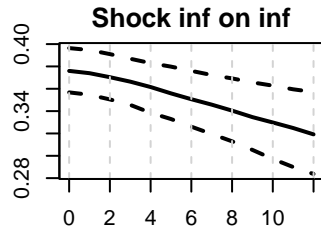
```
mean_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 9.946337e-01 8.075518e-03 0.0088685360
## [2,] -8.602386e-03 9.904399e-01 -0.0020101910
## [3,] -3.217328e-05 9.030739e-04 0.9910572124
## [4,] -4.081718e-03 1.854170e-03 0.0022647527
## [5,] -1.731848e-03 -5.786984e-03 -0.0006264522
## [6,] -1.350385e-04 2.863427e-04 -0.0023055819
## [7,] -2.756080e-03 7.253937e-04 0.0009298497
## [8,] -6.719452e-04 -3.364786e-03 -0.0006813751
## [9,] -1.419041e-04 1.656182e-04 -0.0003034445
## [10,] -1.573155e-03 2.965675e-04 0.0004507205
## [11,] -2.547181e-04 -1.778432e-03 -0.0004216876
## [12,] -8.260138e-05 9.936129e-05 -0.0002449190
## [13,] 1.250689e-01 7.802078e-02 0.0492734292
```

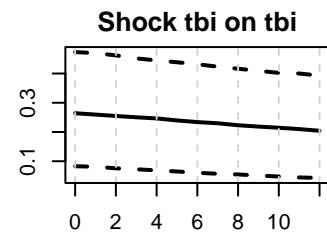
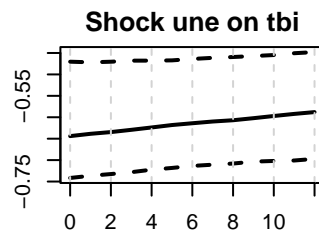
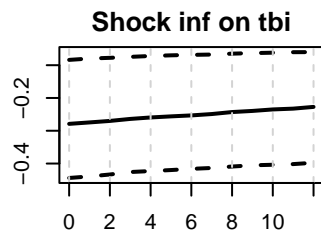
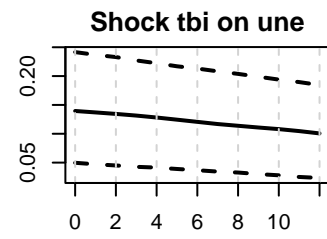
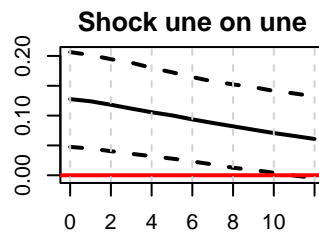
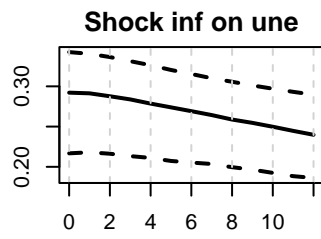
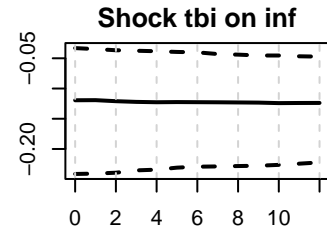
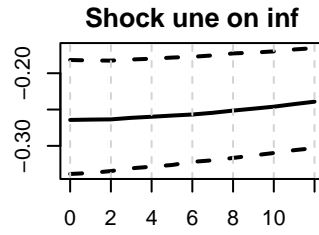
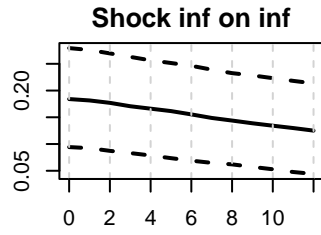
```
sd_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 0.0077921835 0.0043385890 0.009920725
## [2,] 0.0051781779 0.0086834766 0.012042788
## [3,] 0.0020521274 0.0019165420 0.007734764
## [4,] 0.0048506729 0.0022576200 0.005507369
## [5,] 0.0026215854 0.0048676645 0.006094352
## [6,] 0.0010837340 0.0009518143 0.004685041
## [7,] 0.0032237367 0.0015478426 0.003783240
## [8,] 0.0017950024 0.0032721416 0.004171160
## [9,] 0.0007462978 0.0006591146 0.003370546
## [10,] 0.0025397950 0.0011120801 0.002900032
## [11,] 0.0013063474 0.0025377476 0.003137298
## [12,] 0.0005619420 0.0005147160 0.002515710
## [13,] 0.0512512996 0.0623954215 0.105700063
```

```
##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-02
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

