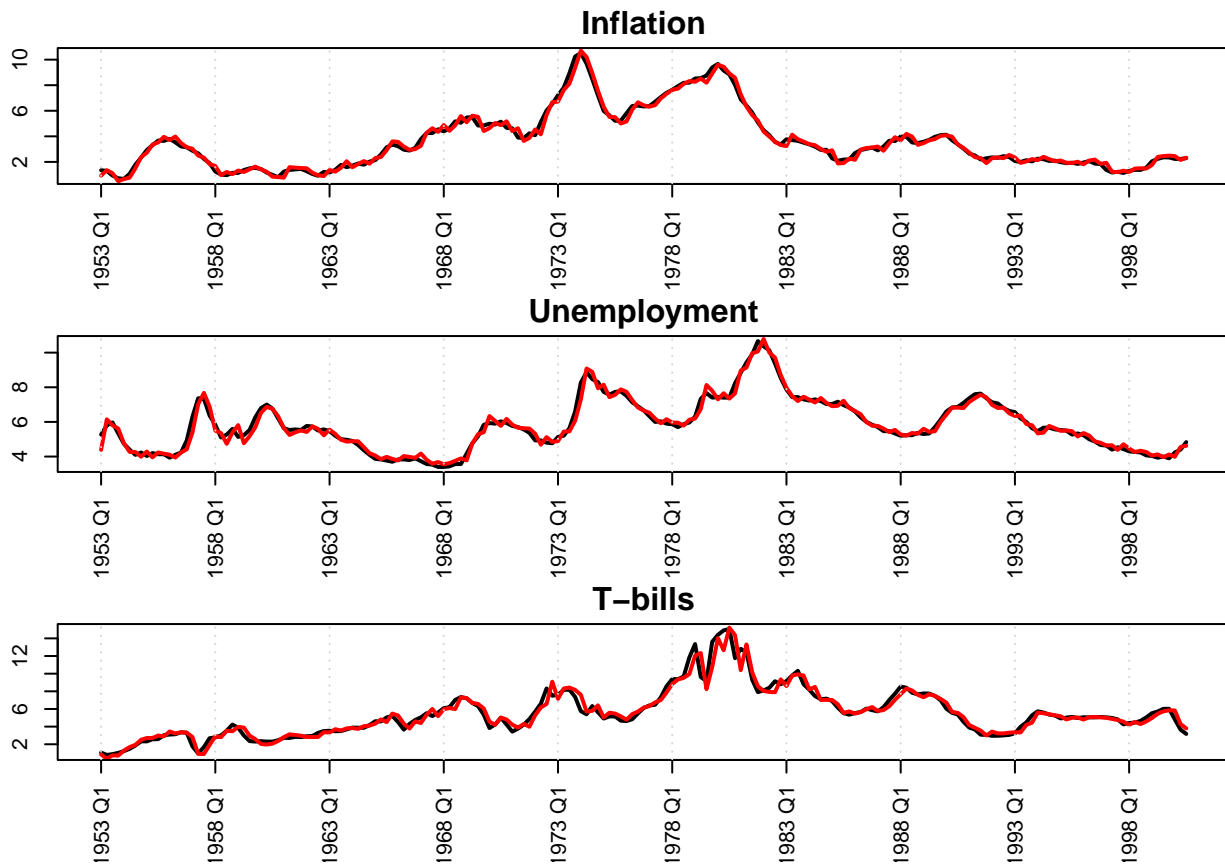


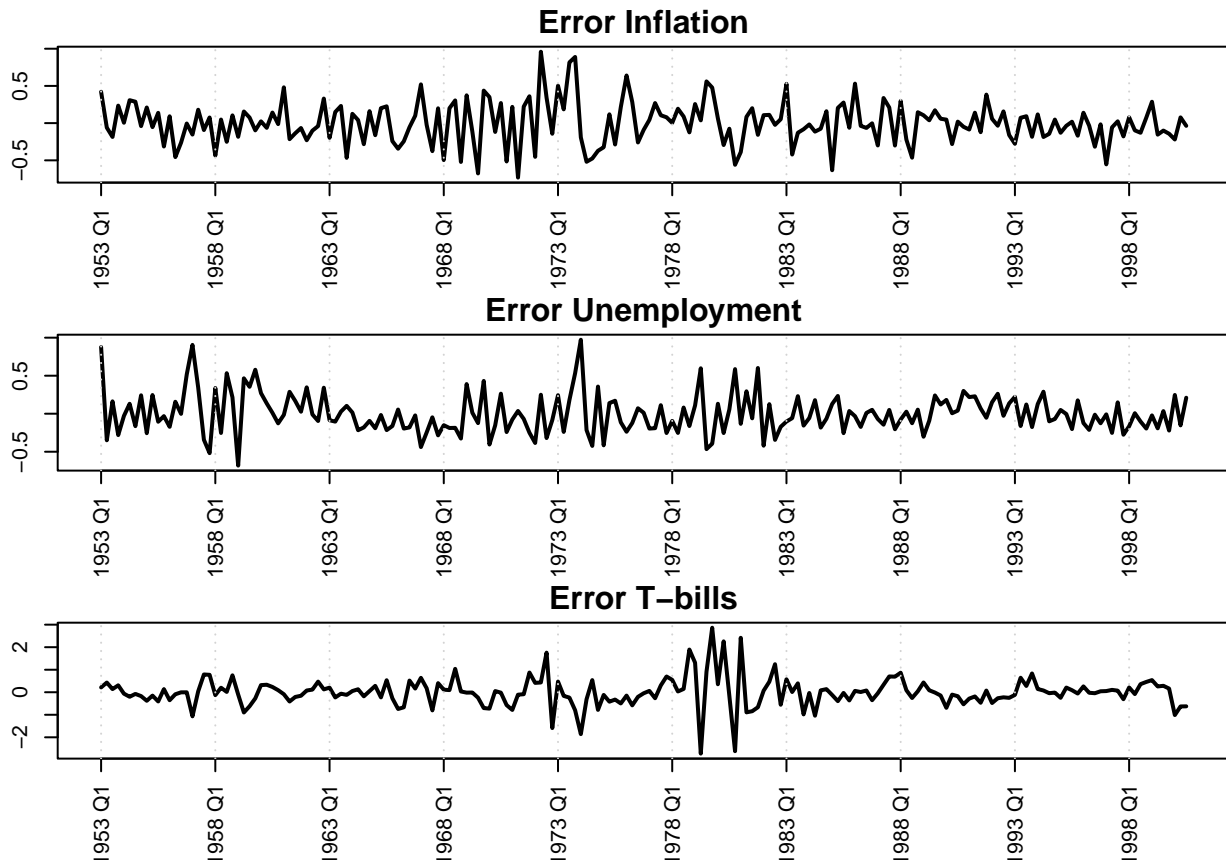
# HW4

Gabriel Konecny

2023-06-03

Plots should start here:

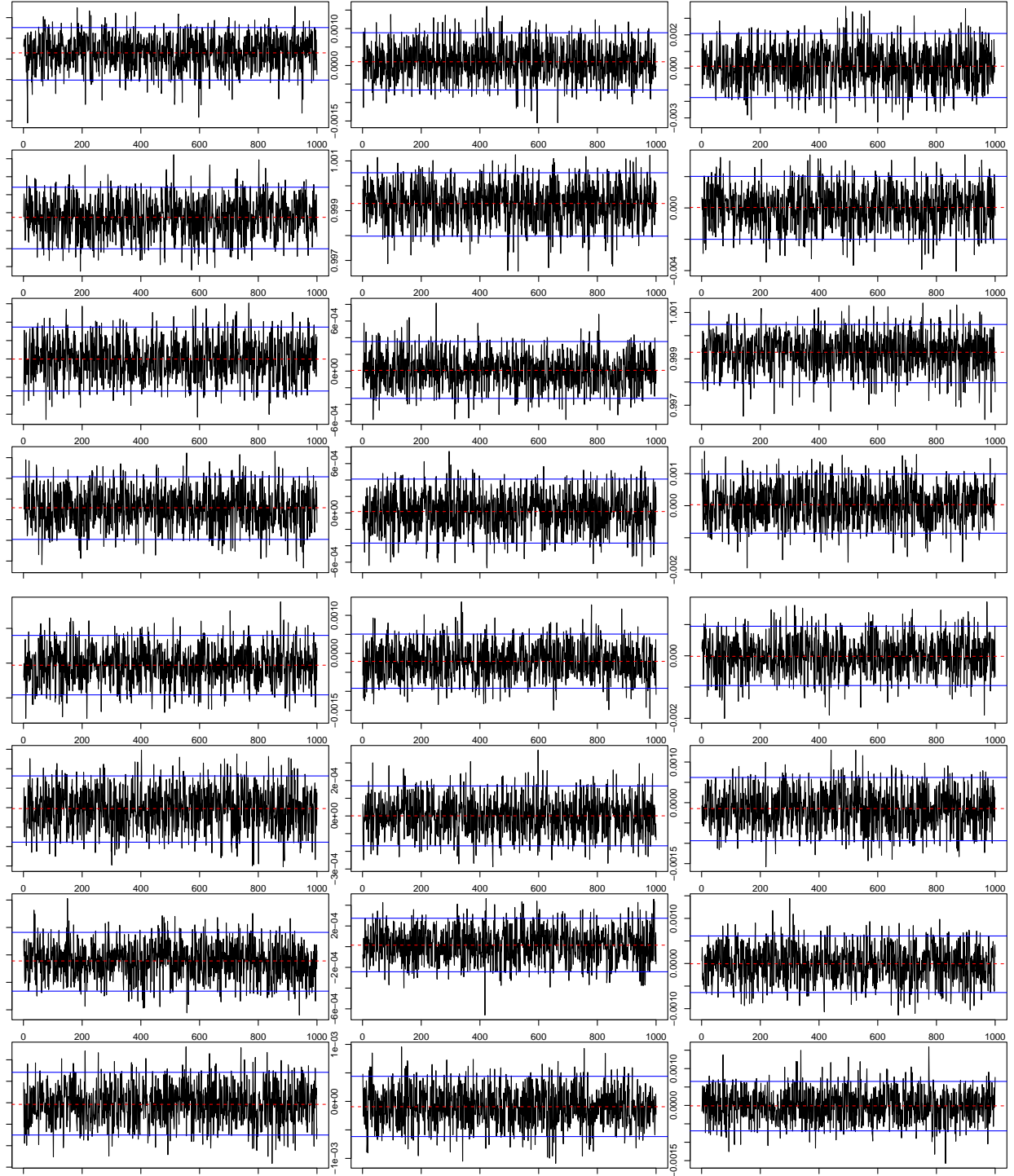


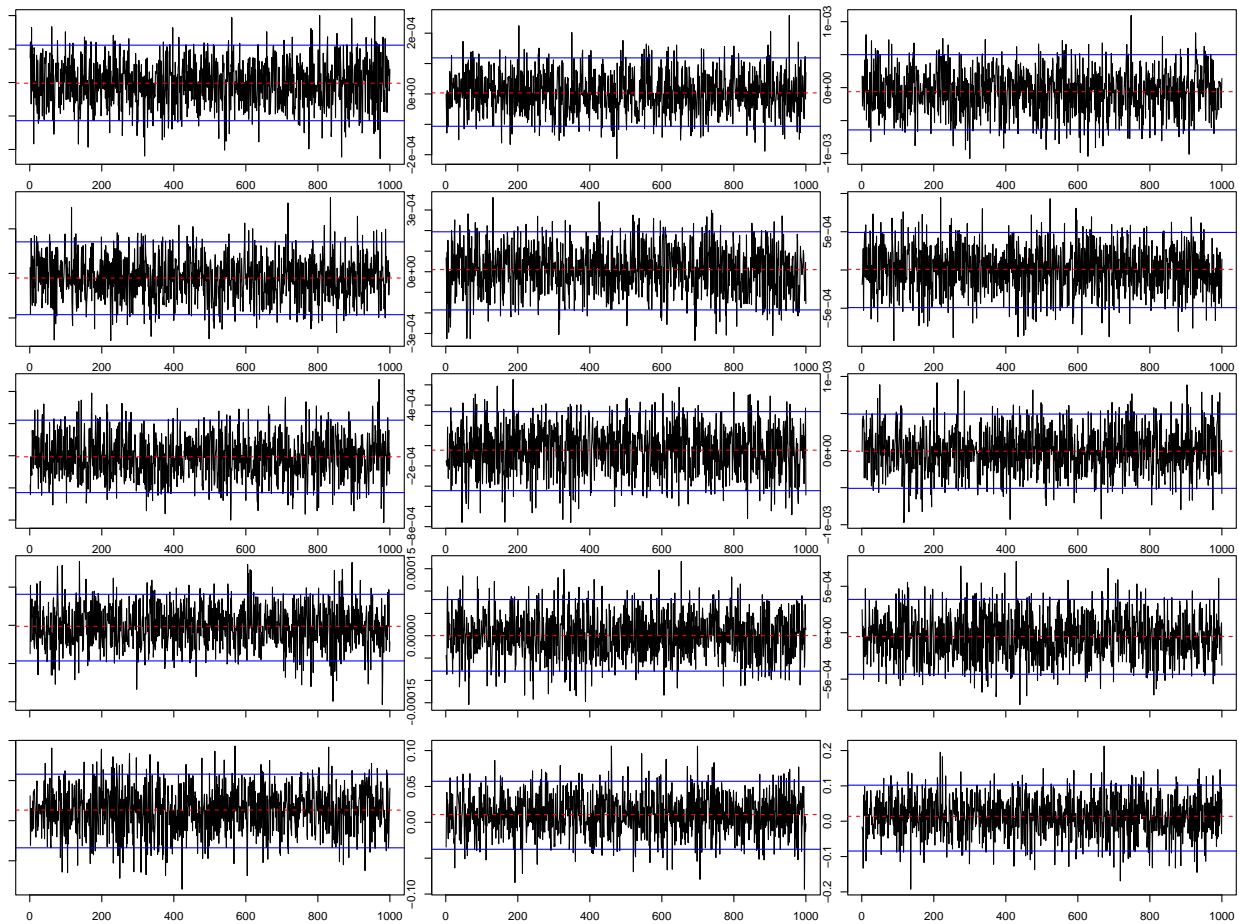


```

##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02

```





```
##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

```
##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

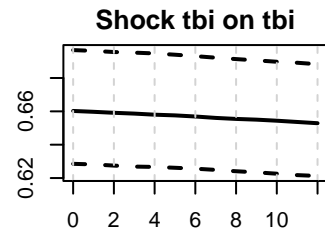
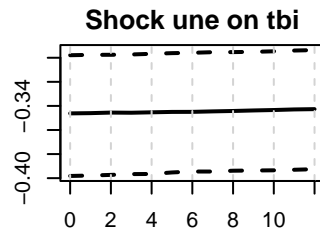
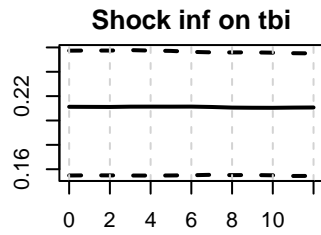
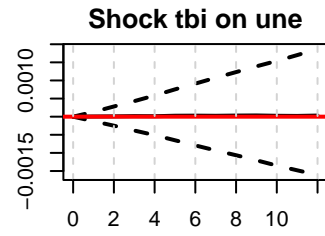
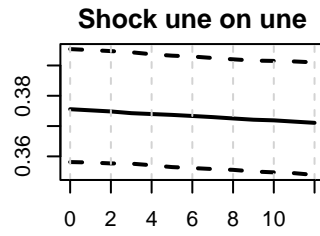
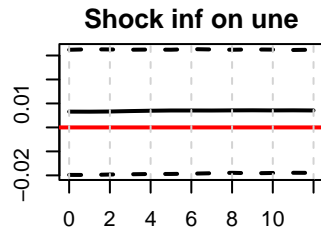
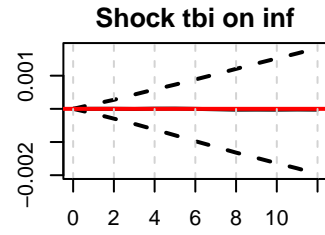
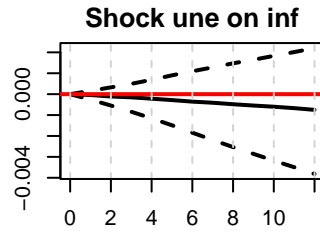
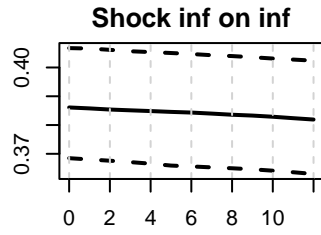
```
mean_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 9.992939e-01 1.015763e-04 1.117625e-04
## [2,] -1.290756e-04 9.992878e-01 2.985555e-05
## [3,] -6.844669e-07 8.528137e-06 9.992838e-01
## [4,] -2.113069e-04 1.671321e-05 2.997100e-05
## [5,] -2.999377e-05 -2.115602e-04 -1.601252e-05
## [6,] -4.811211e-06 6.781705e-07 -1.458088e-04
## [7,] -1.098962e-04 1.478936e-05 -5.763400e-06
## [8,] -1.525227e-05 -9.333877e-05 -1.185128e-05
## [9,] -2.091706e-06 3.439547e-06 -6.177266e-05
## [10,] -5.188149e-05 1.021051e-05 8.053899e-06
## [11,] -6.521055e-06 -4.481405e-05 -8.897775e-06
## [12,] -2.555735e-06 2.953943e-07 -4.032359e-05
## [13,] 1.322575e-02 1.079880e-02 1.393003e-02
```

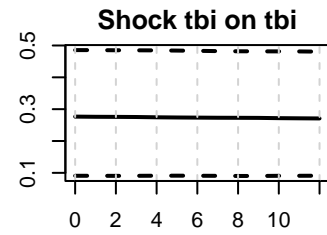
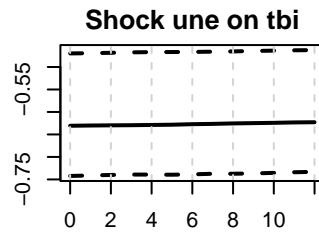
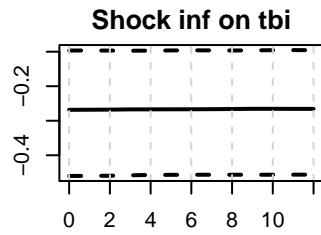
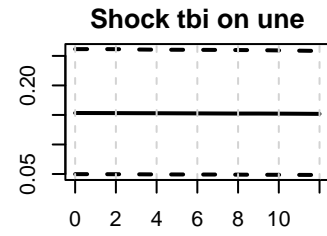
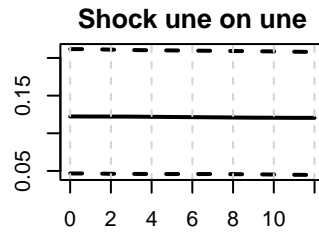
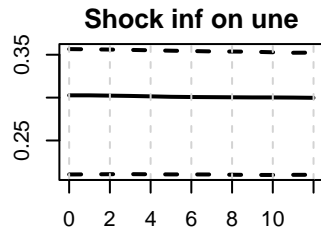
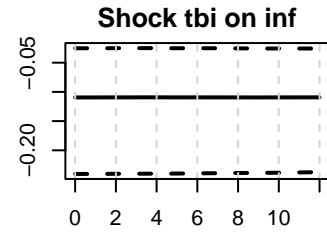
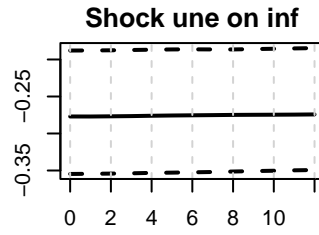
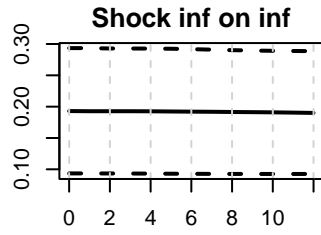
```
sd_table
```

```
##           [,1]           [,2]           [,3]
## [1,] 7.971542e-04 4.717597e-04 0.0011633764
## [2,] 5.229997e-04 7.917075e-04 0.0012166163
## [3,] 2.092843e-04 2.022294e-04 0.0007854283
## [4,] 4.643600e-04 2.322751e-04 0.0005838487
## [5,] 2.598278e-04 4.561551e-04 0.0005800495
## [6,] 1.055478e-04 1.015787e-04 0.0004733132
## [7,] 3.181189e-04 1.607716e-04 0.0003855660
## [8,] 1.780180e-04 3.279344e-04 0.0004253923
## [9,] 7.022282e-05 6.748022e-05 0.0003365151
## [10,] 2.431597e-04 1.165032e-04 0.0003014870
## [11,] 1.353265e-04 2.411278e-04 0.0003072785
## [12,] 5.513169e-05 5.012202e-05 0.0002423274
## [13,] 2.855045e-02 2.851514e-02 0.0559683958
```

```
##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```



```
##      Lambda Value
## 1 Lambda 1 1e-03
## 2 Lambda 2 5e-01
## 3 Lambda 3 1e+02
```

