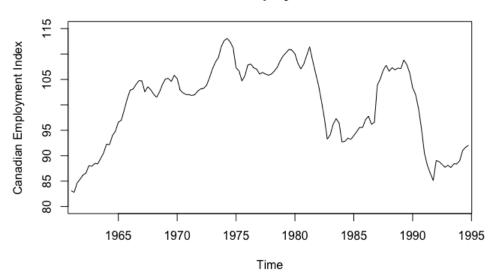
# Homework #6 - Graphs in R for Q5

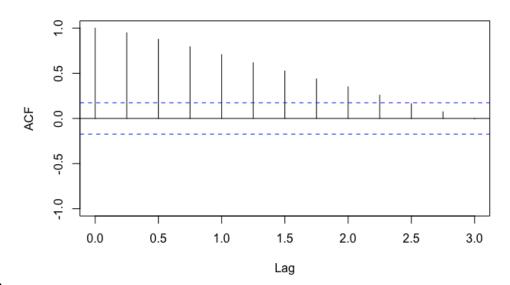
#1

## **Canadian Employment Index**

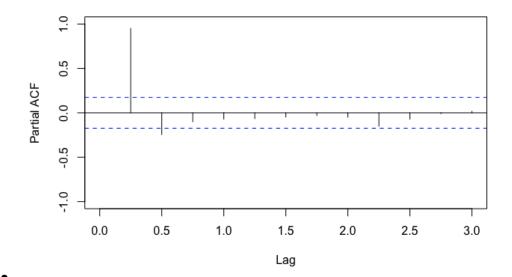


#2

### Autocorrelation

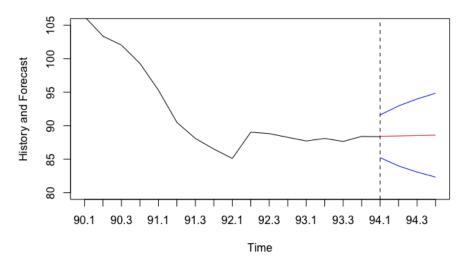


#### **Partial Autocorrelation**

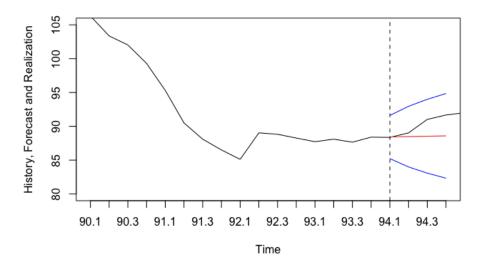


#3

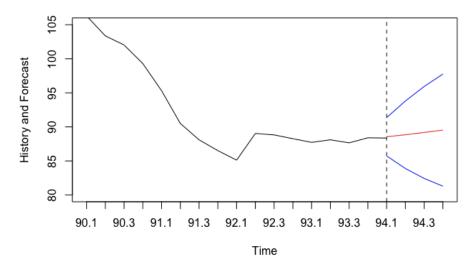
#### Employment History and Forecast AR(1) Model



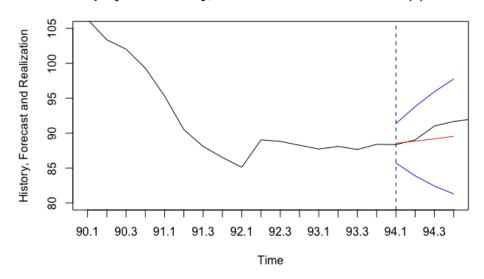
#### Employment History, Forecast and Realization AR(1) Model



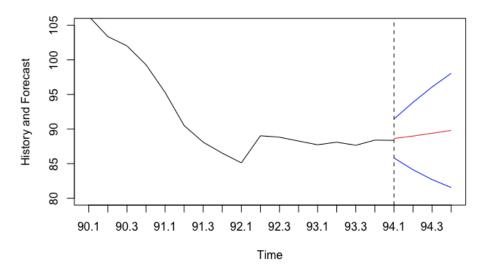
### **Employment History and Forecast AR(2) Model**



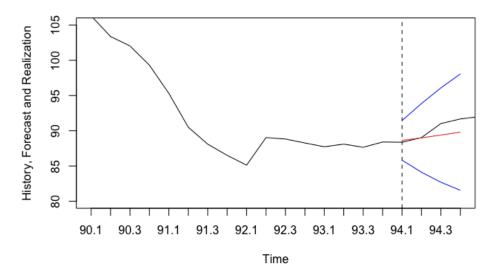
### Employment History, Forecast and Realization AR(2) Model



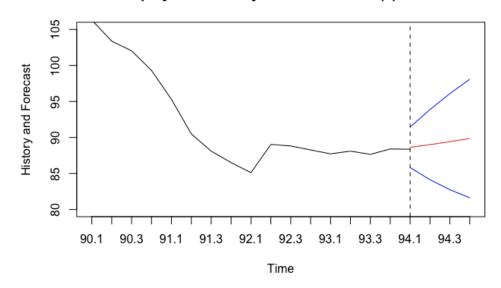
## **Employment History and Forecast AR(3) Model**



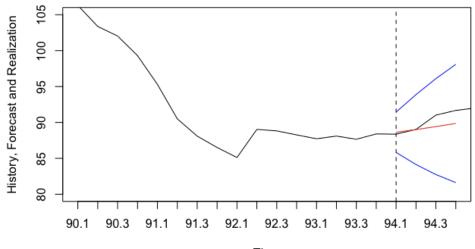
### Employment History, Forecast and Realization AR(3) Model



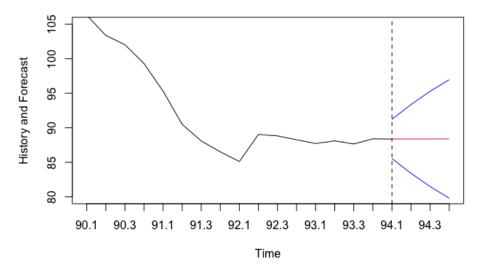
### **Employment History and Forecast AR(4) Model**



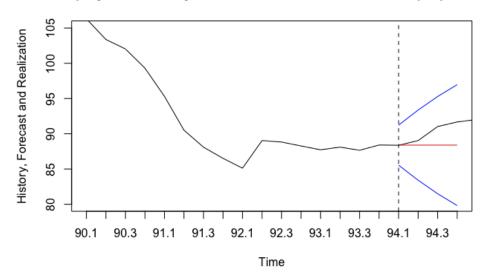
### Employment History, Forecast and Realization AR(4) Model



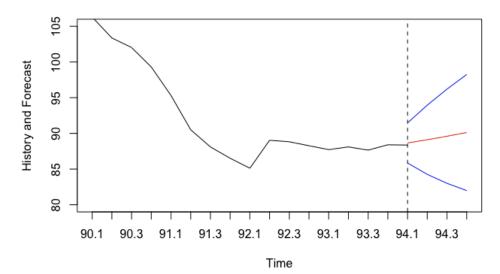
### Employment History and Forecast ARMA(3,1) Model



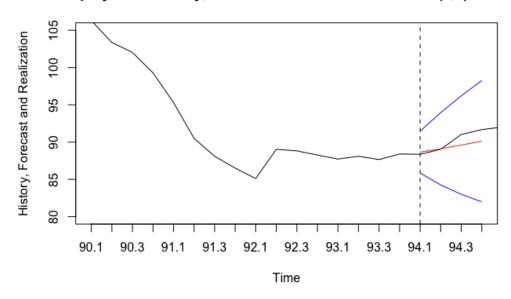
#### Employment History, Forecast and Realization ARMA(3,1) Model



### Employment History and Forecast ARMA(2,2) Model



## Employment History, Forecast and Realization ARMA(2,2) Model



#4

## Employment ARMA(2,2) Model Residual Plot

