

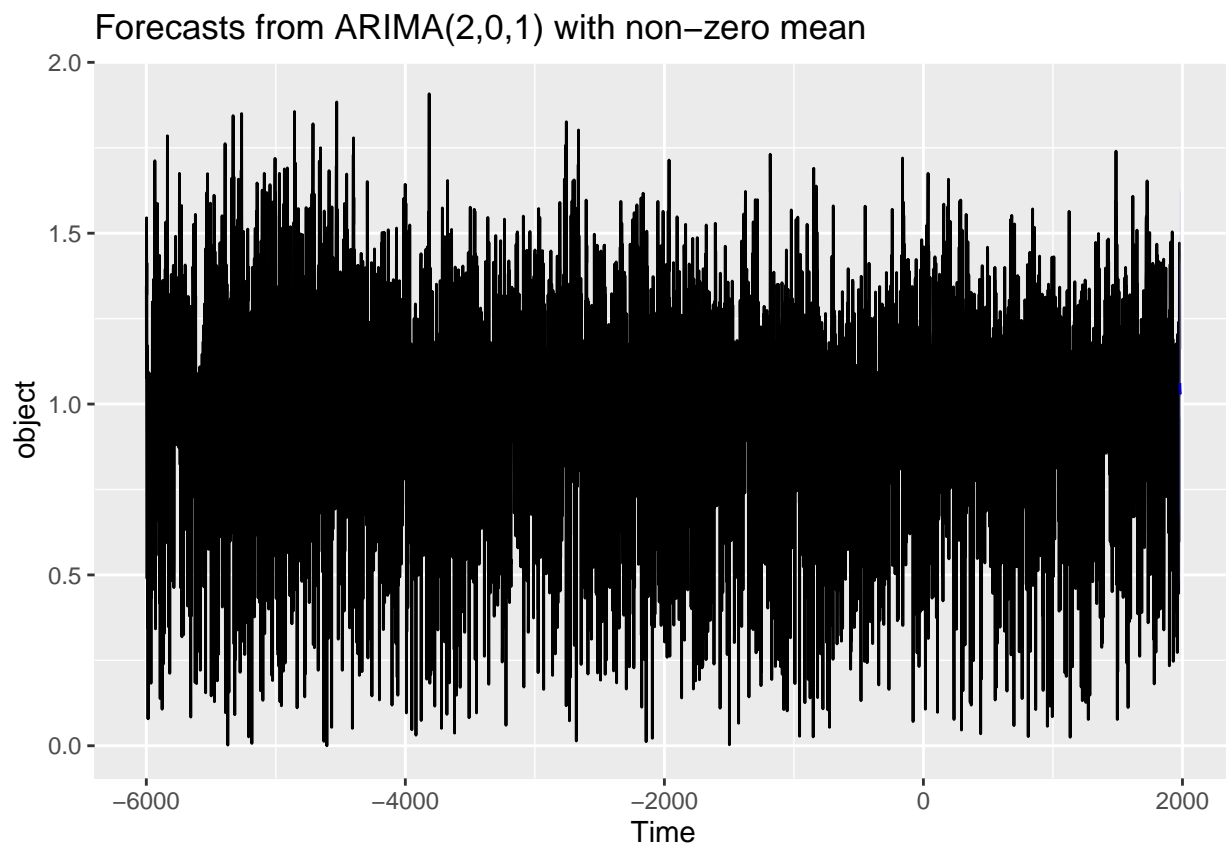
# Coursework 6

Dan Bilsker

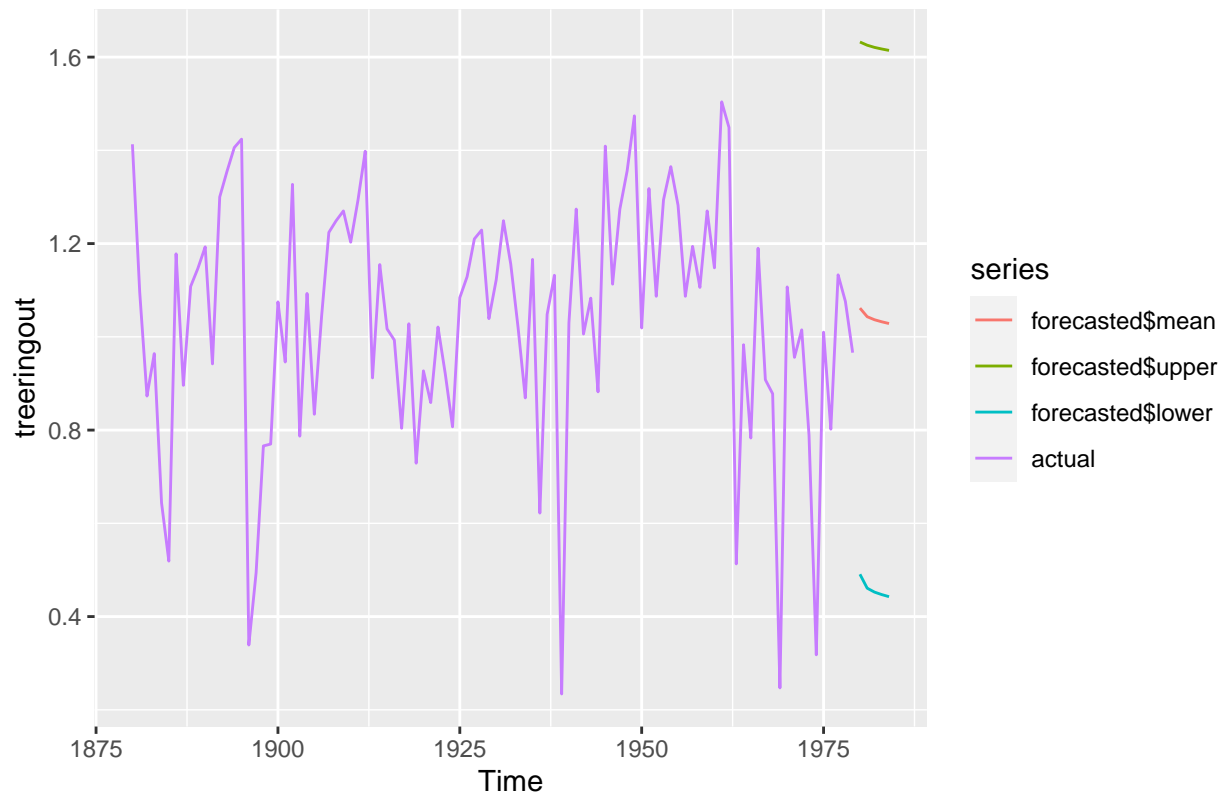
2022-11-29

```
data(treering)
fit2 <- arima(treering, order = c(2,0,1))
library(forecast)

## Registered S3 method overwritten by 'quantmod':
##   method      from
## as.zoo.data.frame zoo
autoplot(forecast(treering,h=5,model=fit2))
```



```
forecasted<-forecast(treering,h=5,model=fit2,level=95)
actual<-ts(treering[7841:7940],start=1880)
treeringout<-cbind(forecasted$mean,forecasted$upper,forecasted$lower,actual)
autoplot(treeringout)
```



The series has a forecasted mean value in the range of other values but it's forecasted upper value is higher than previous values.