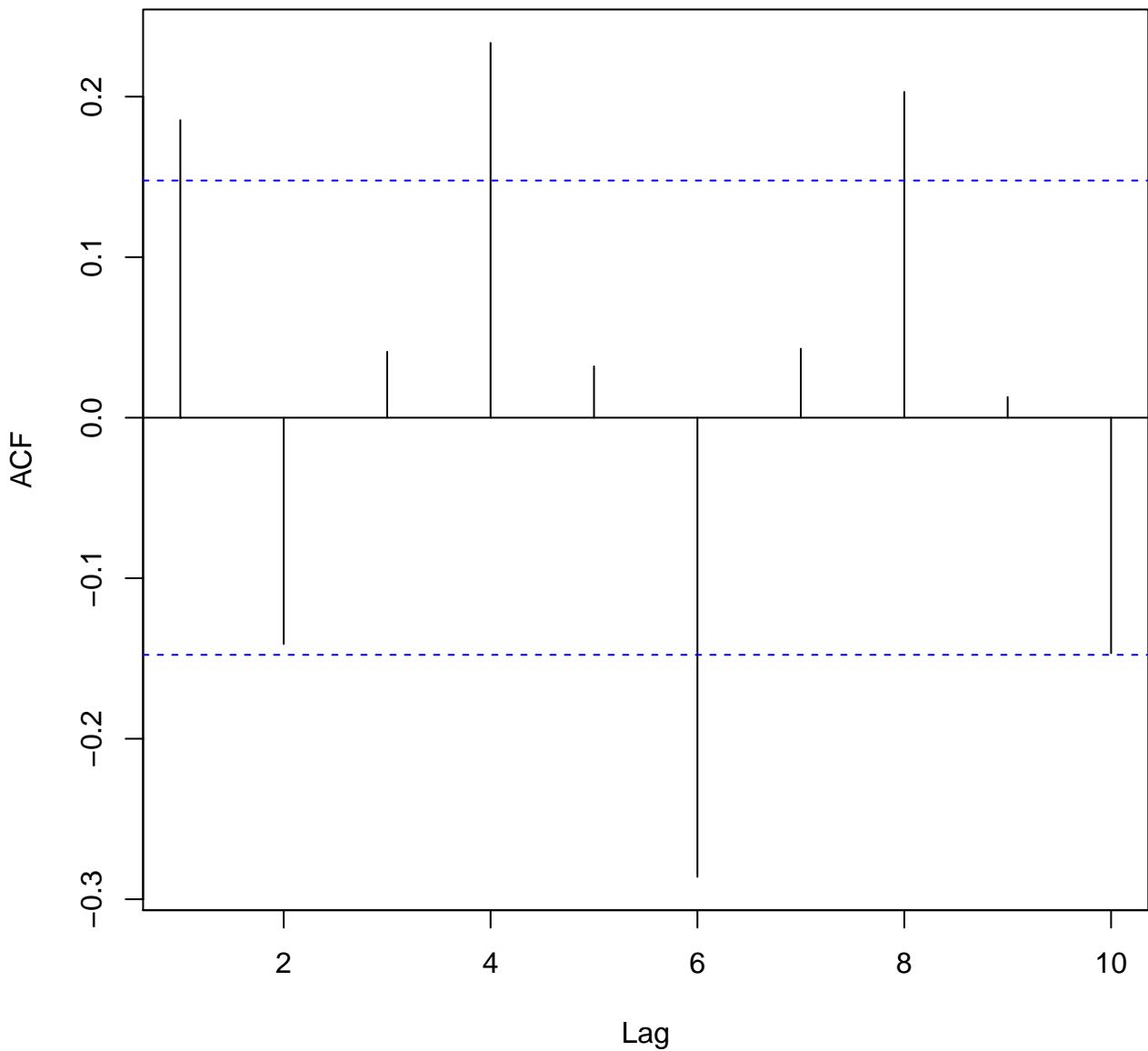
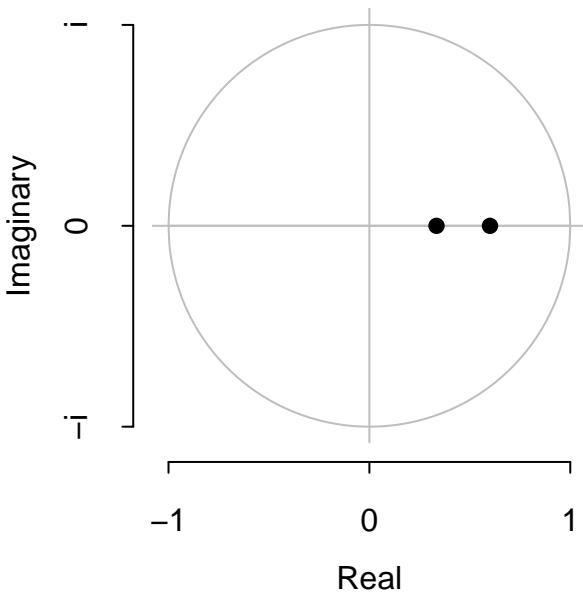


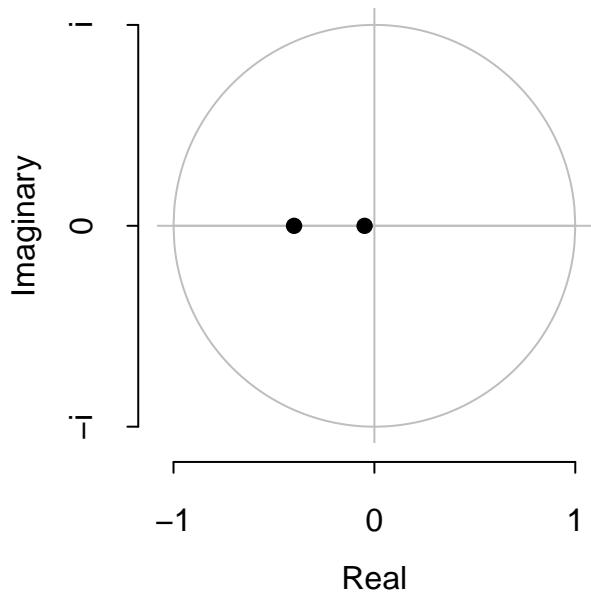
# Series wineind



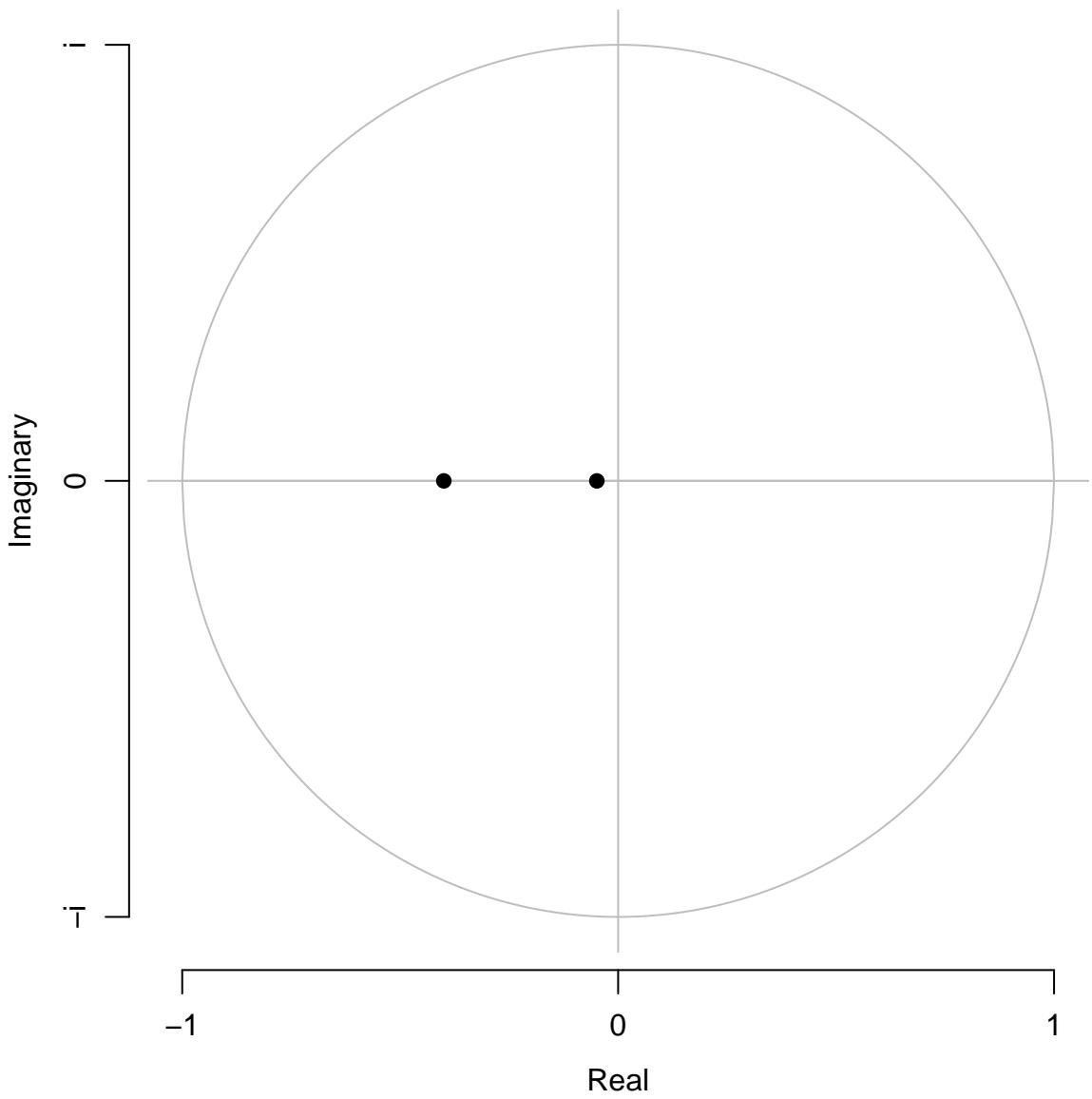
**Inverse AR roots**



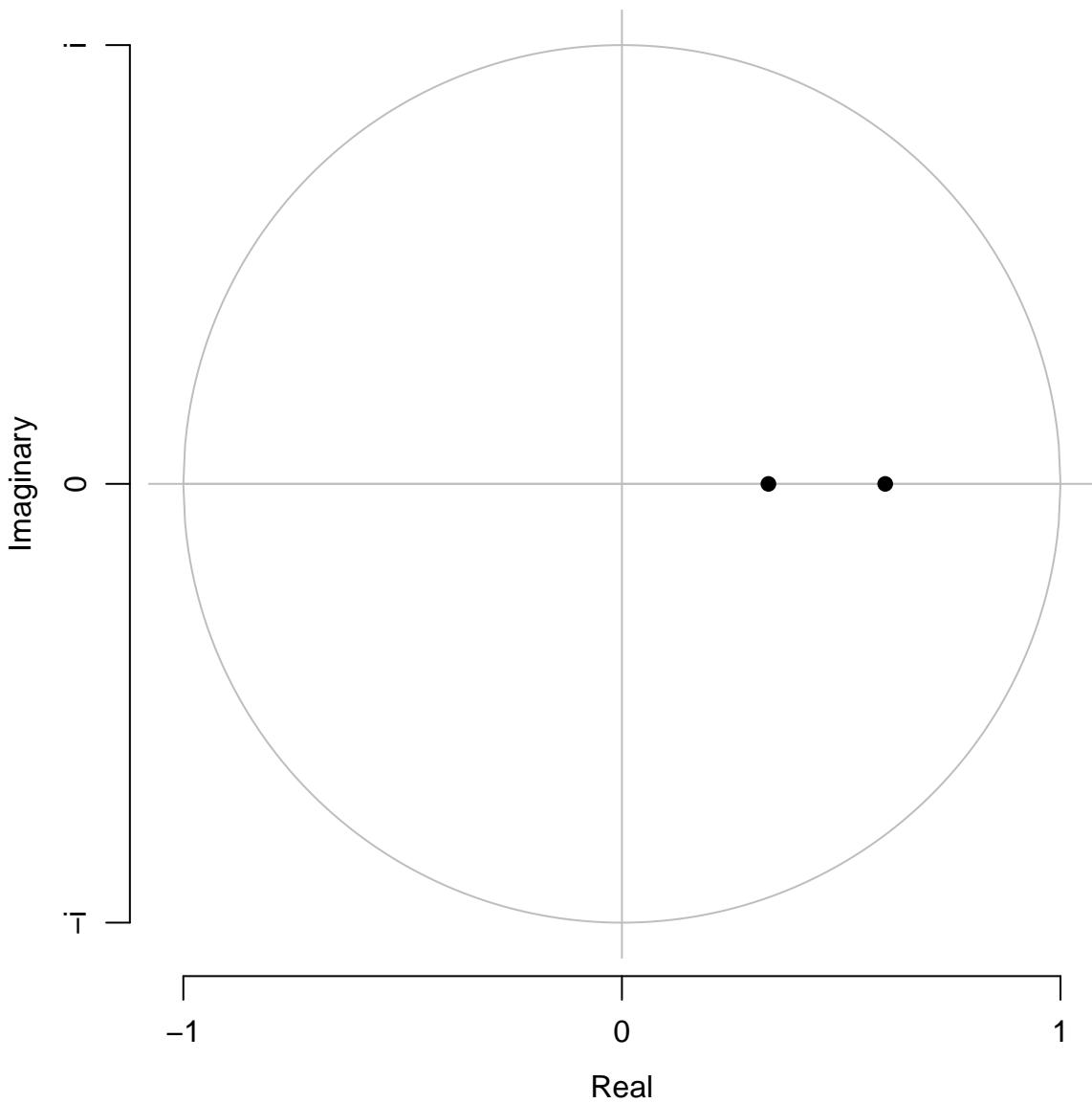
**Inverse MA roots**



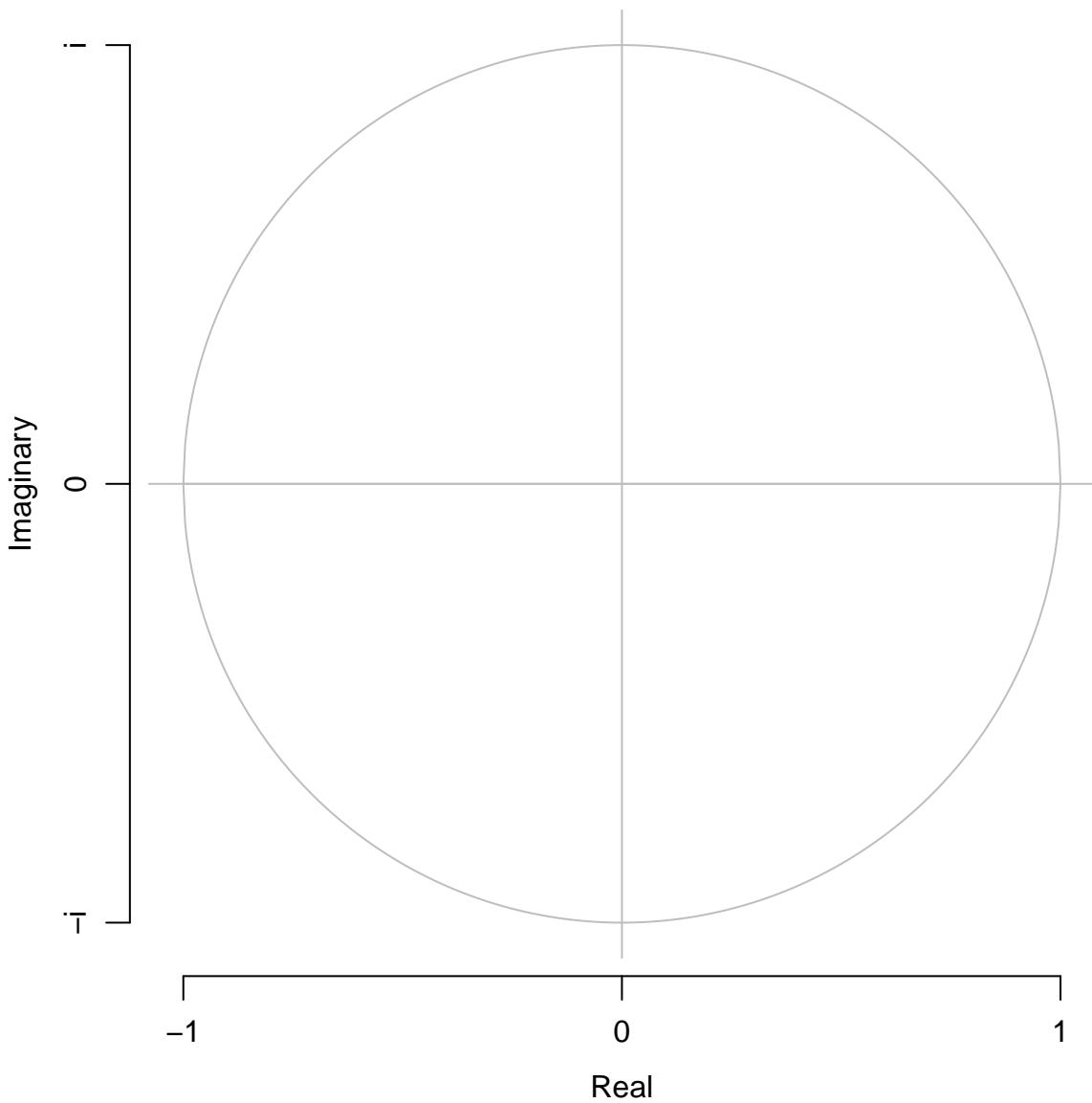
# Inverse MA roots



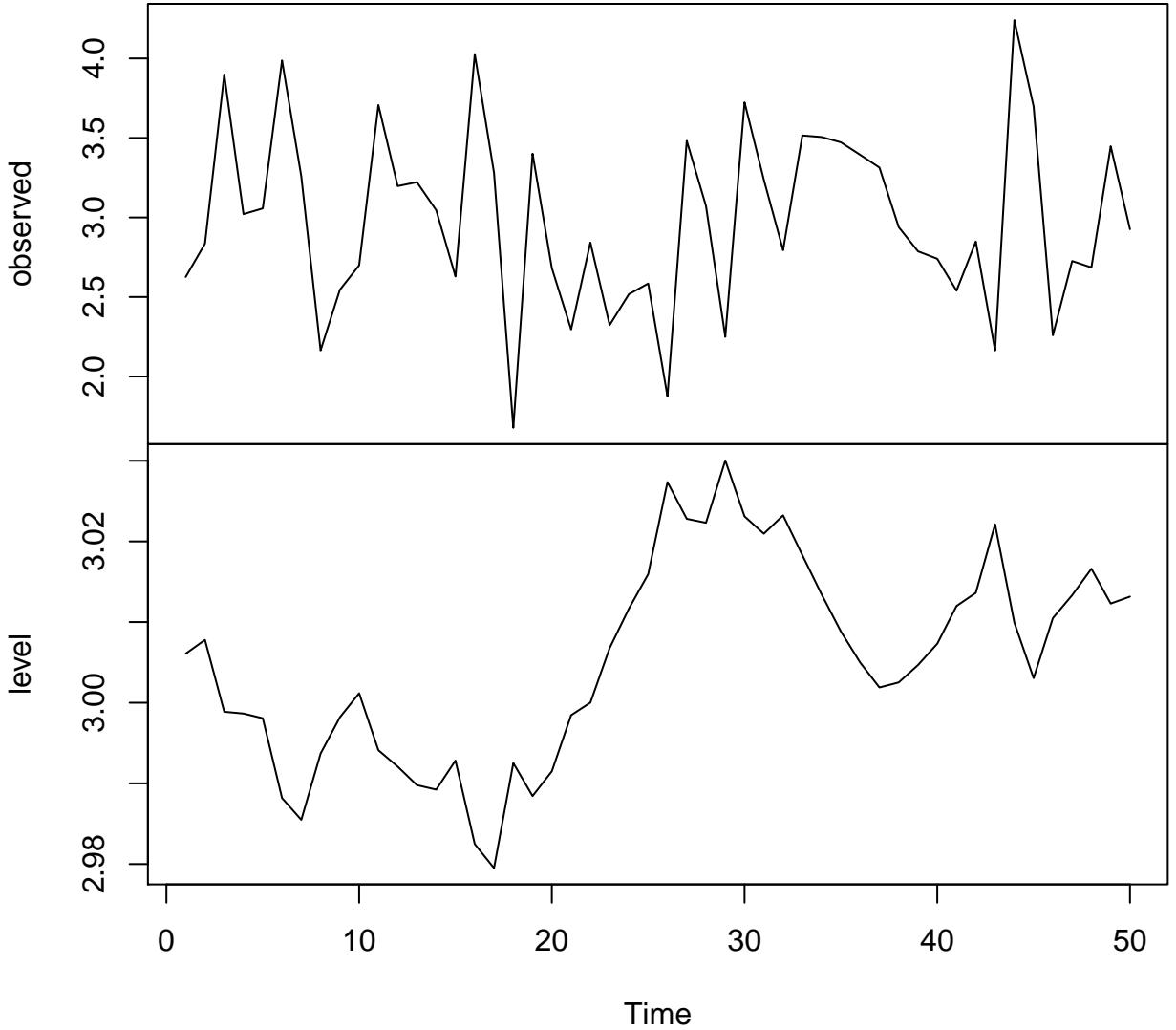
# Inverse AR roots



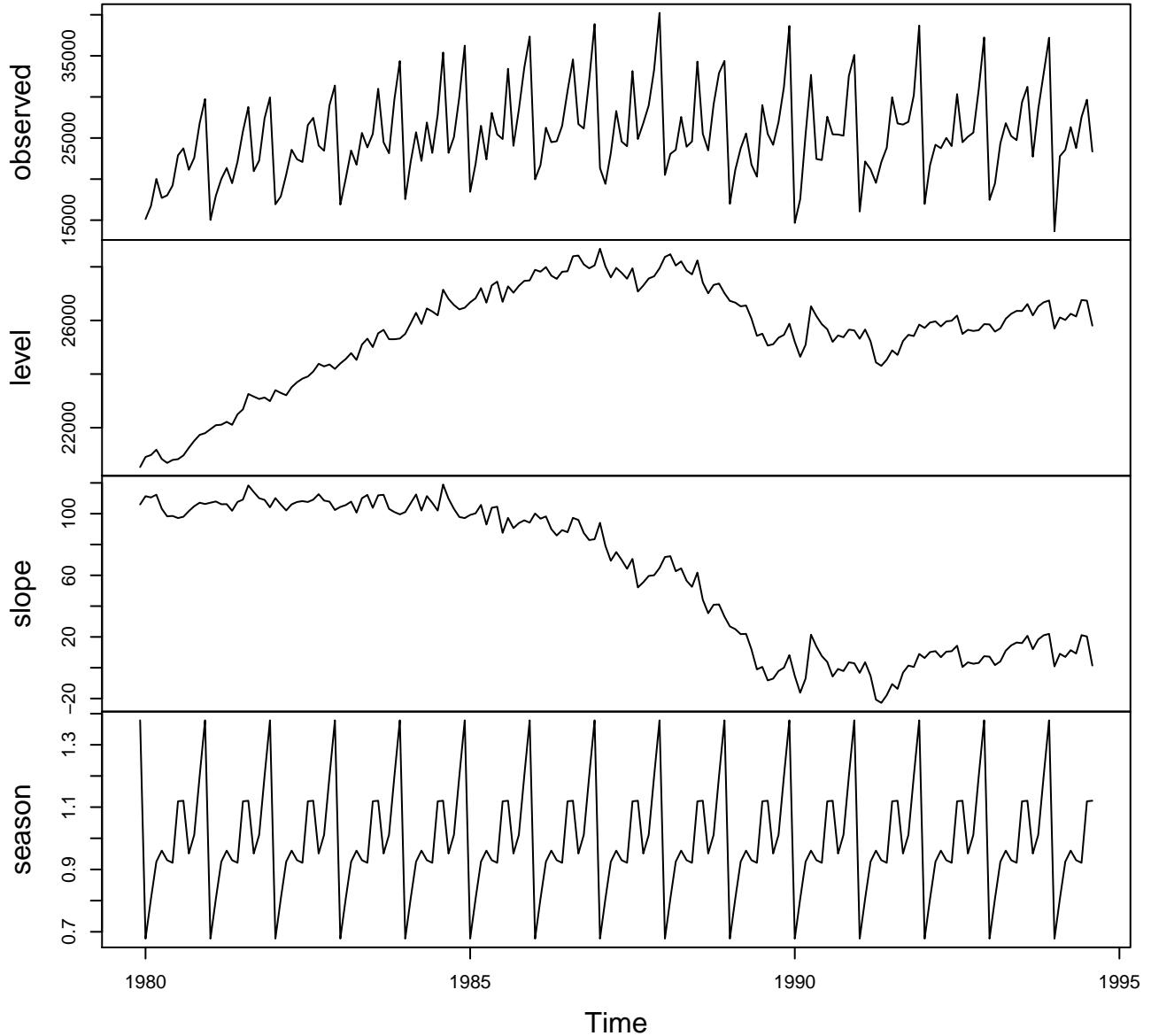
# No AR or MA roots



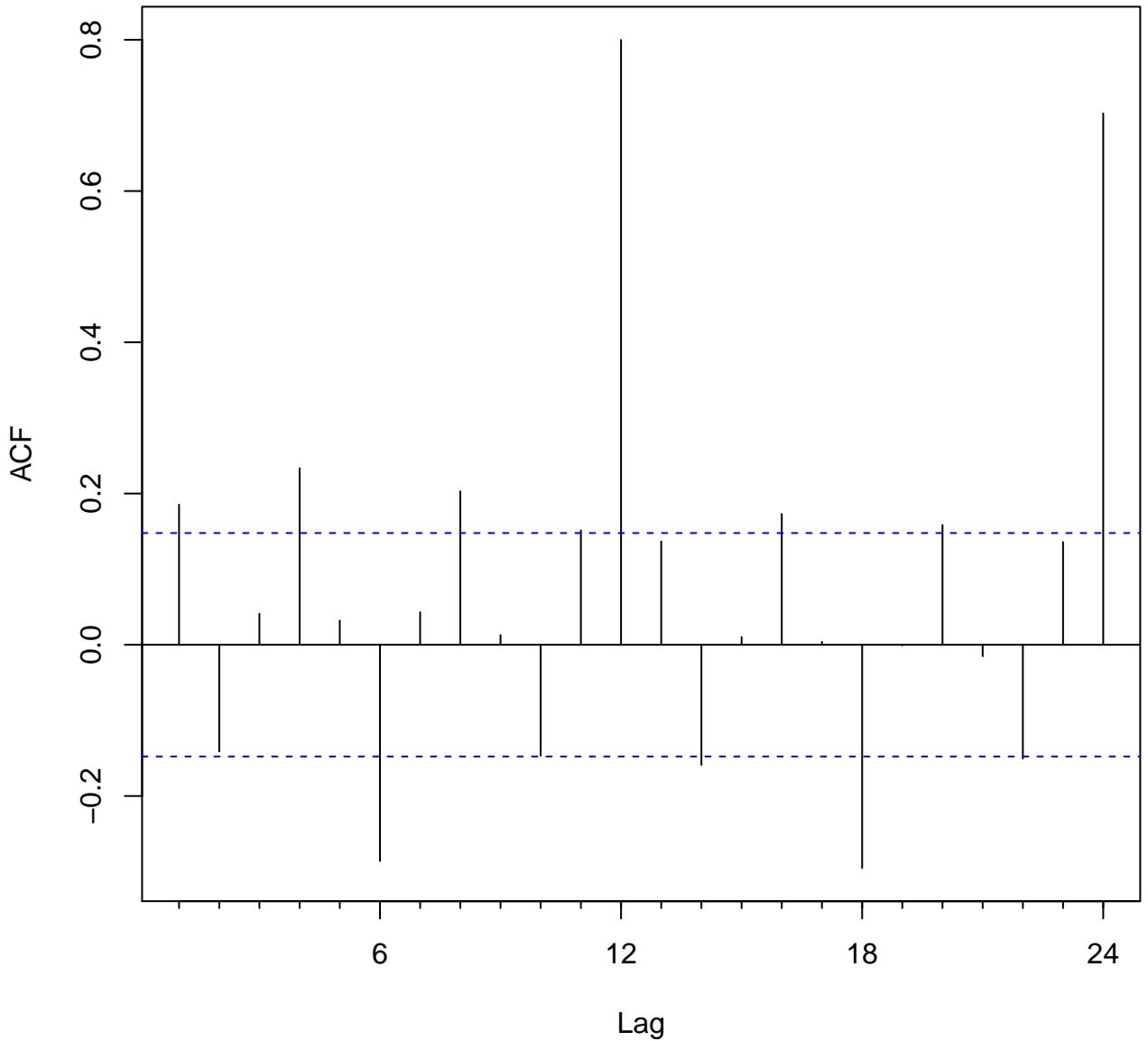
# Decomposition by BATS model



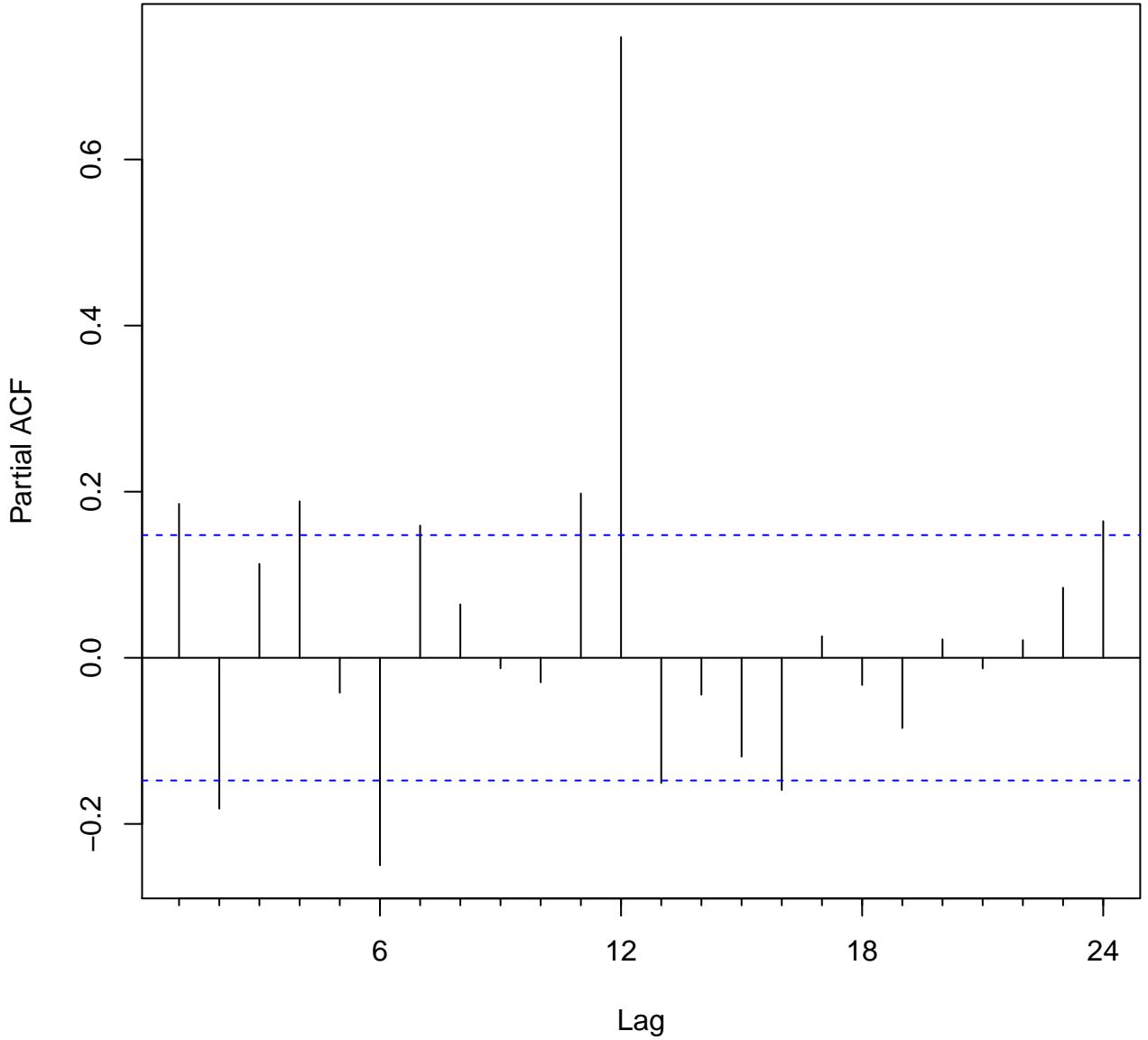
# Decomposition by ETS(M,A,M) method



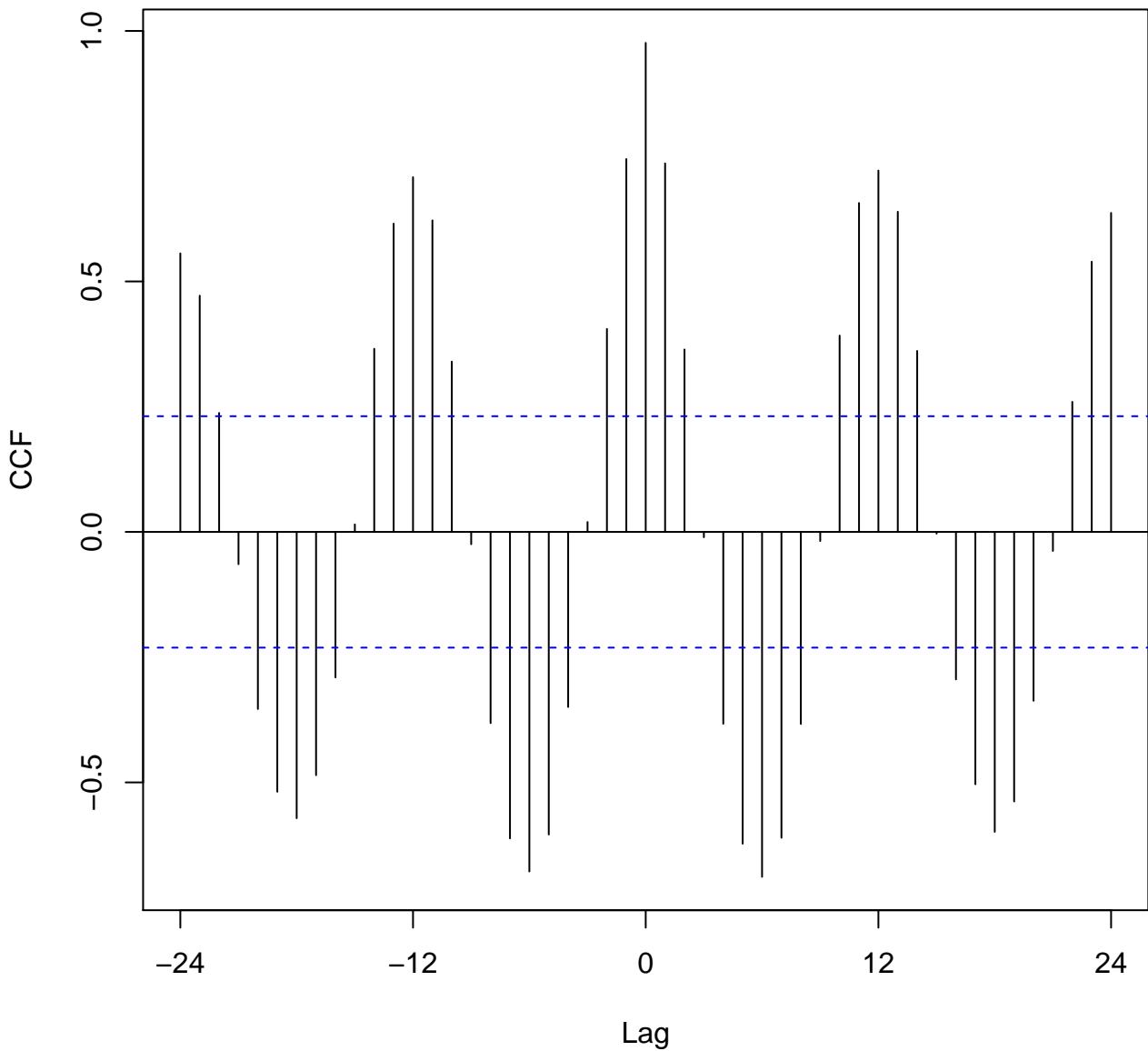
# Series wineind



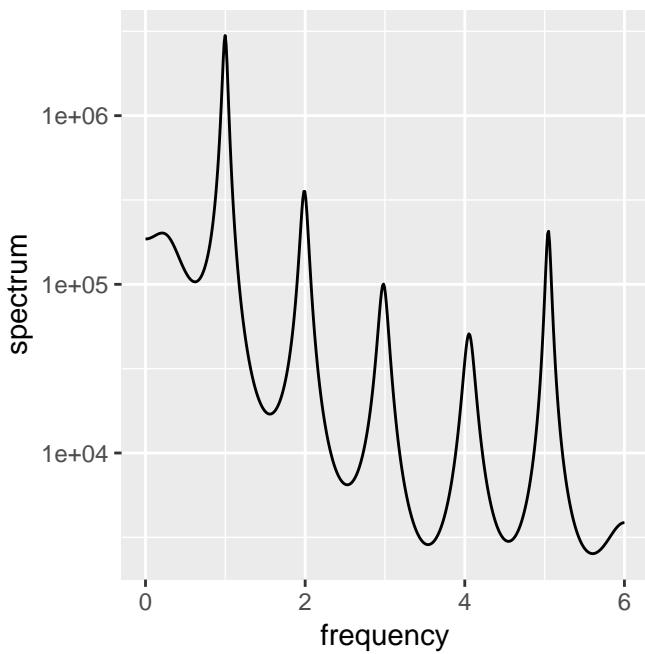
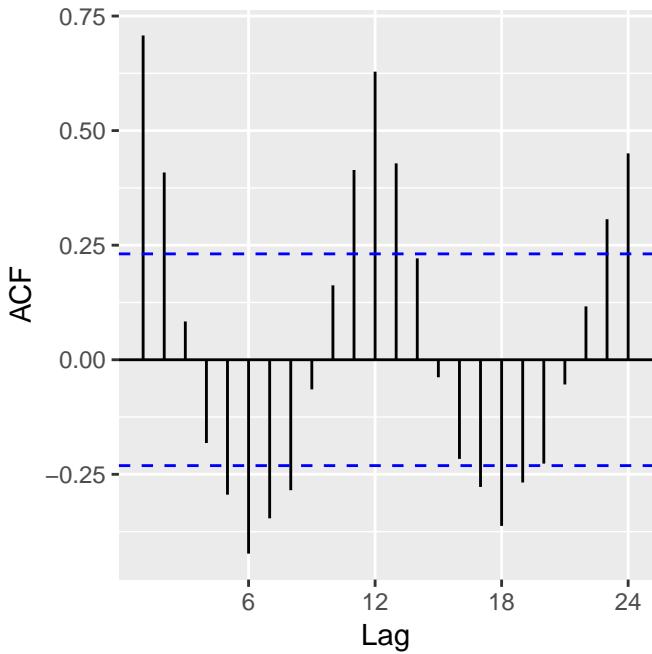
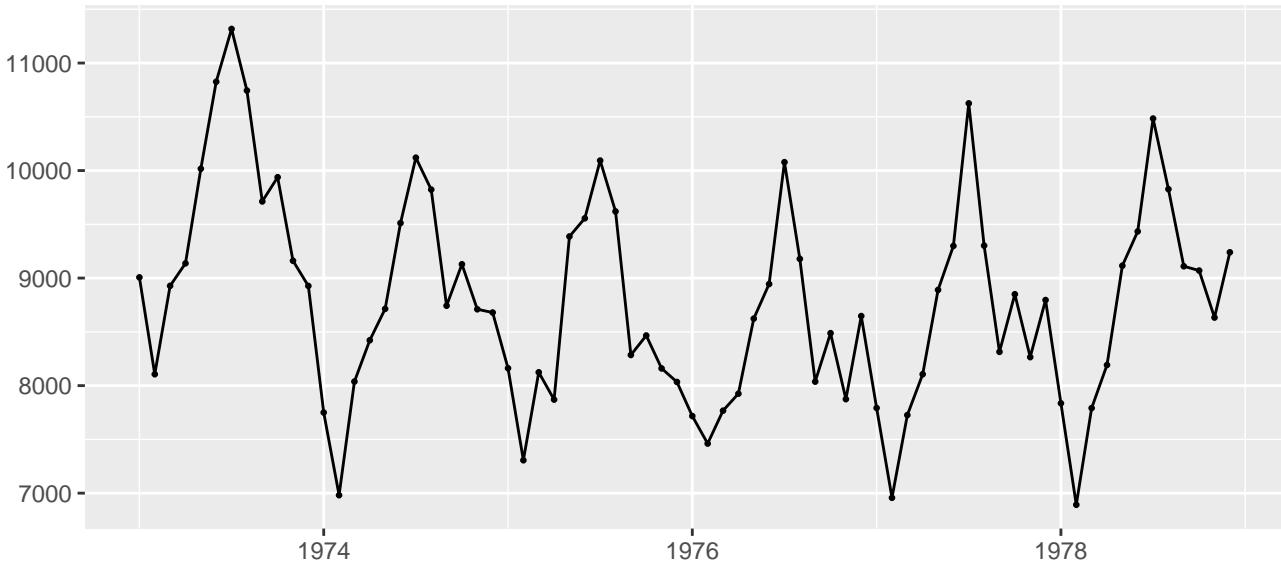
# Series wineind



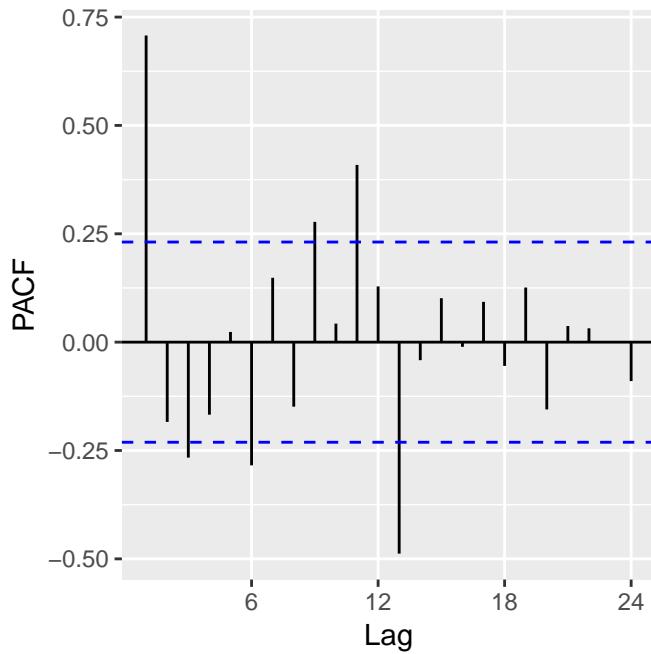
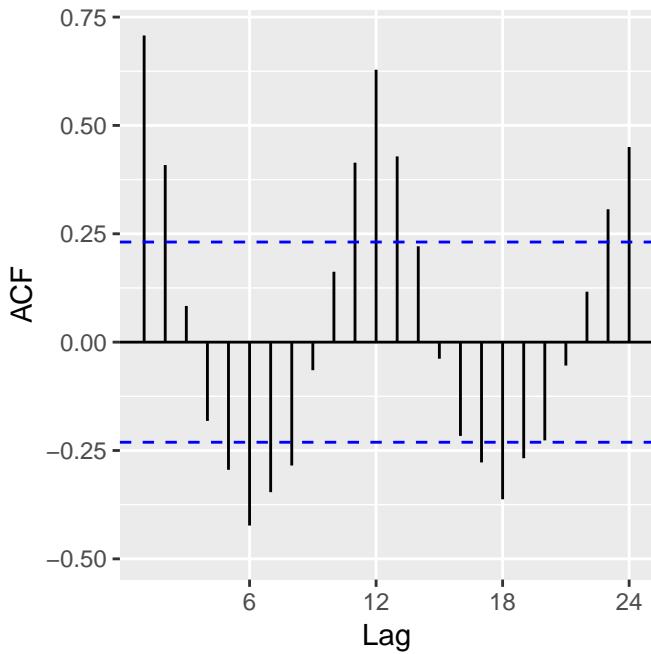
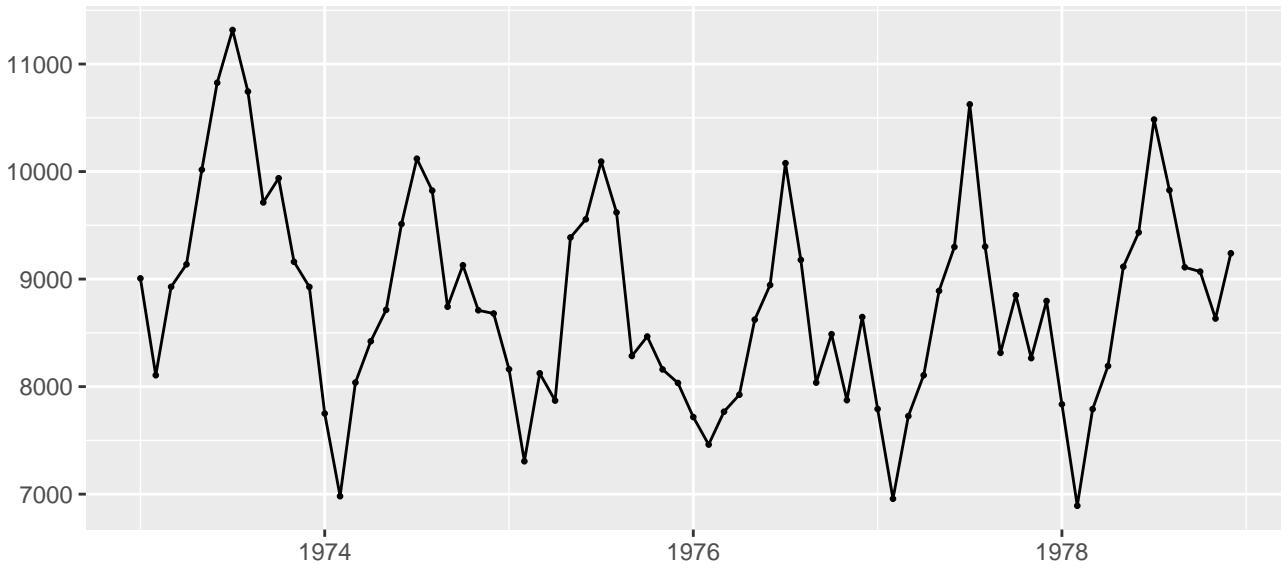
# mdeaths & fdeaths



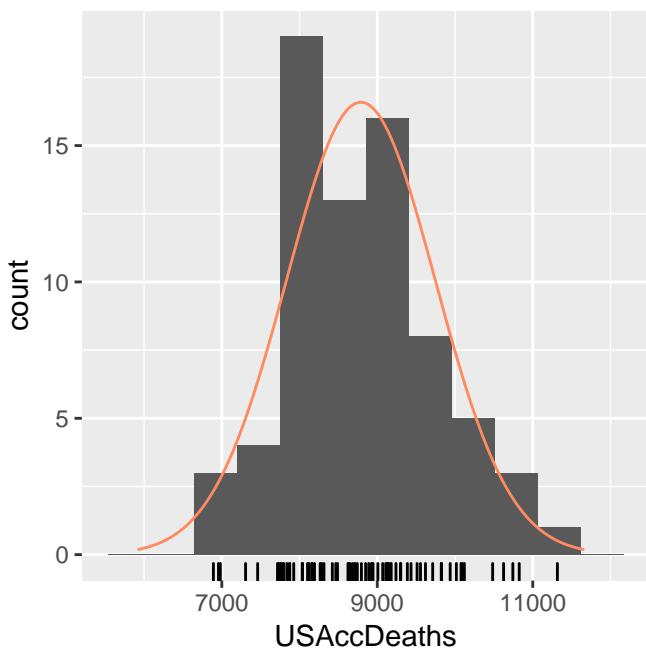
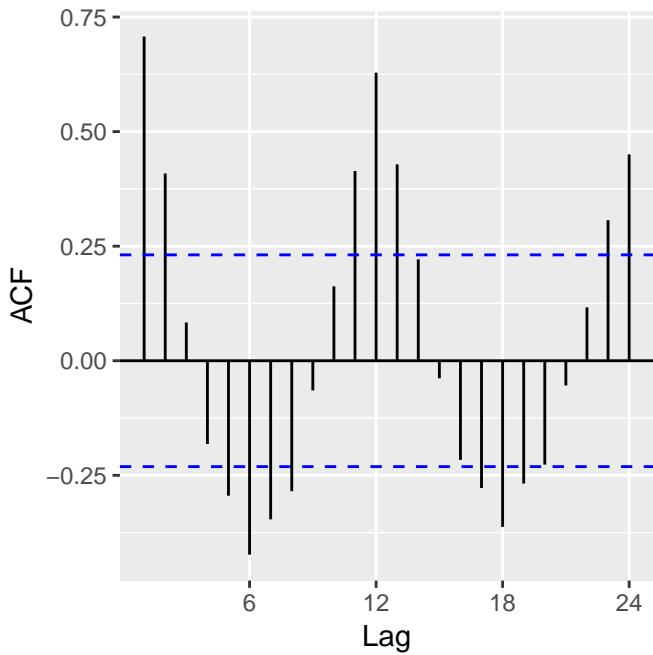
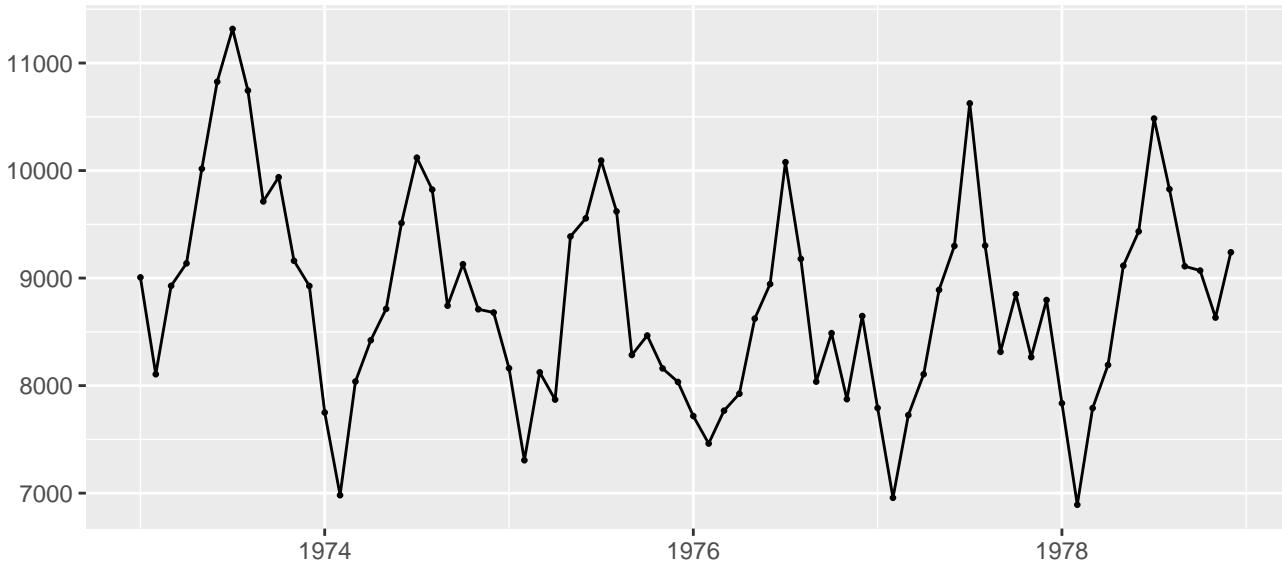
# USAccDeaths



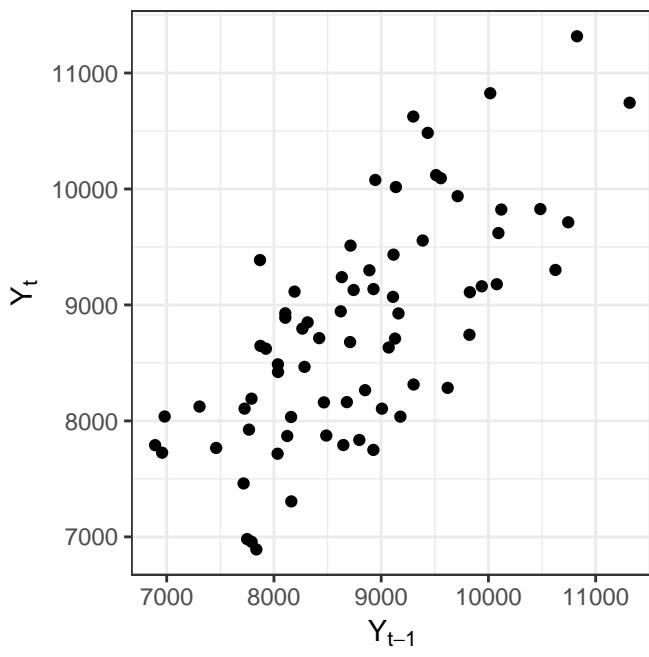
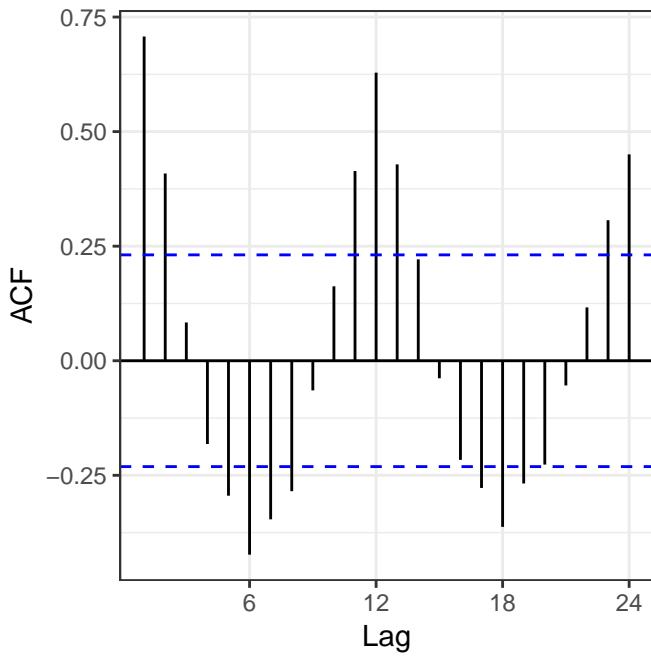
# USAccDeaths



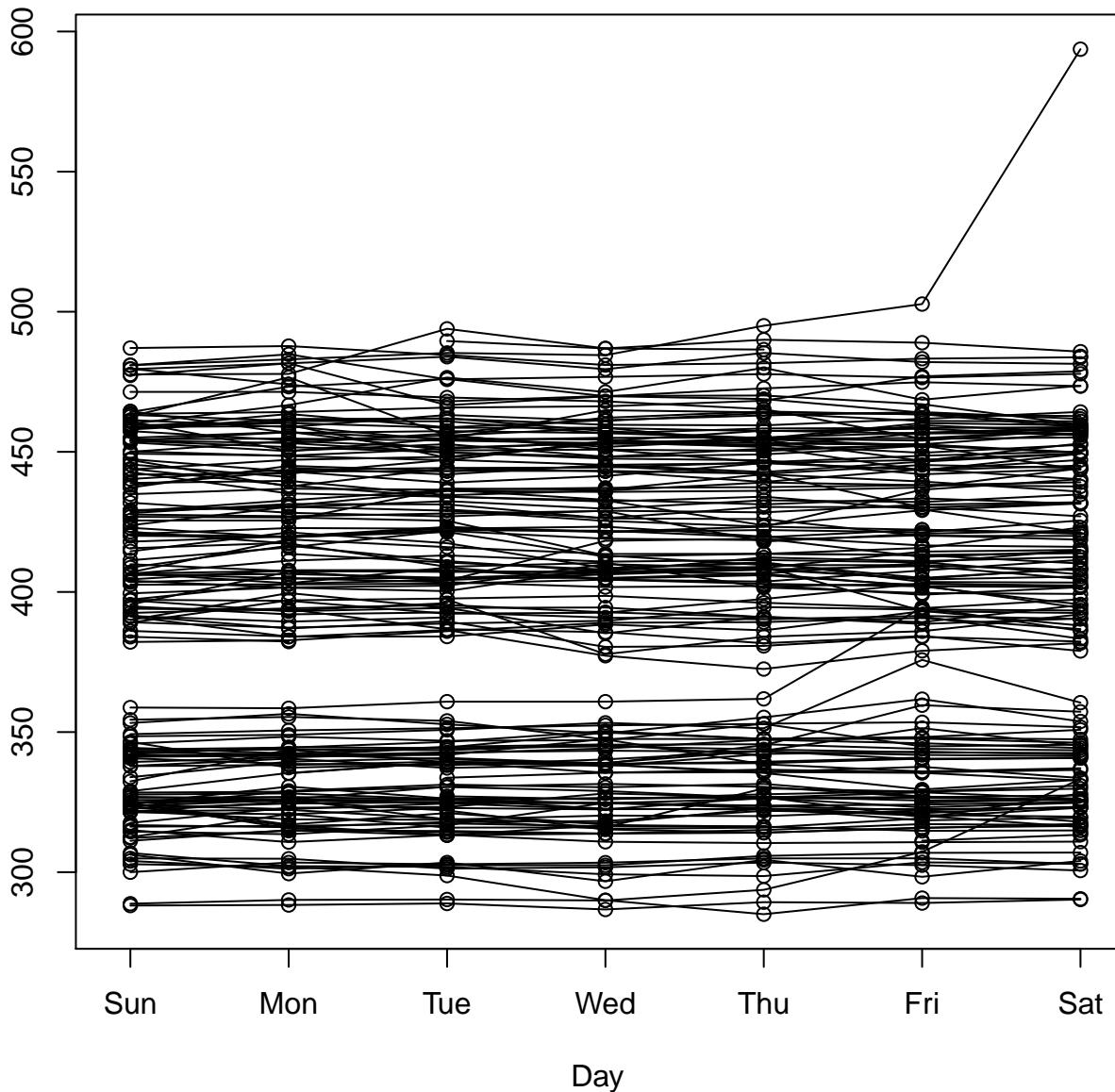
# USAccDeaths



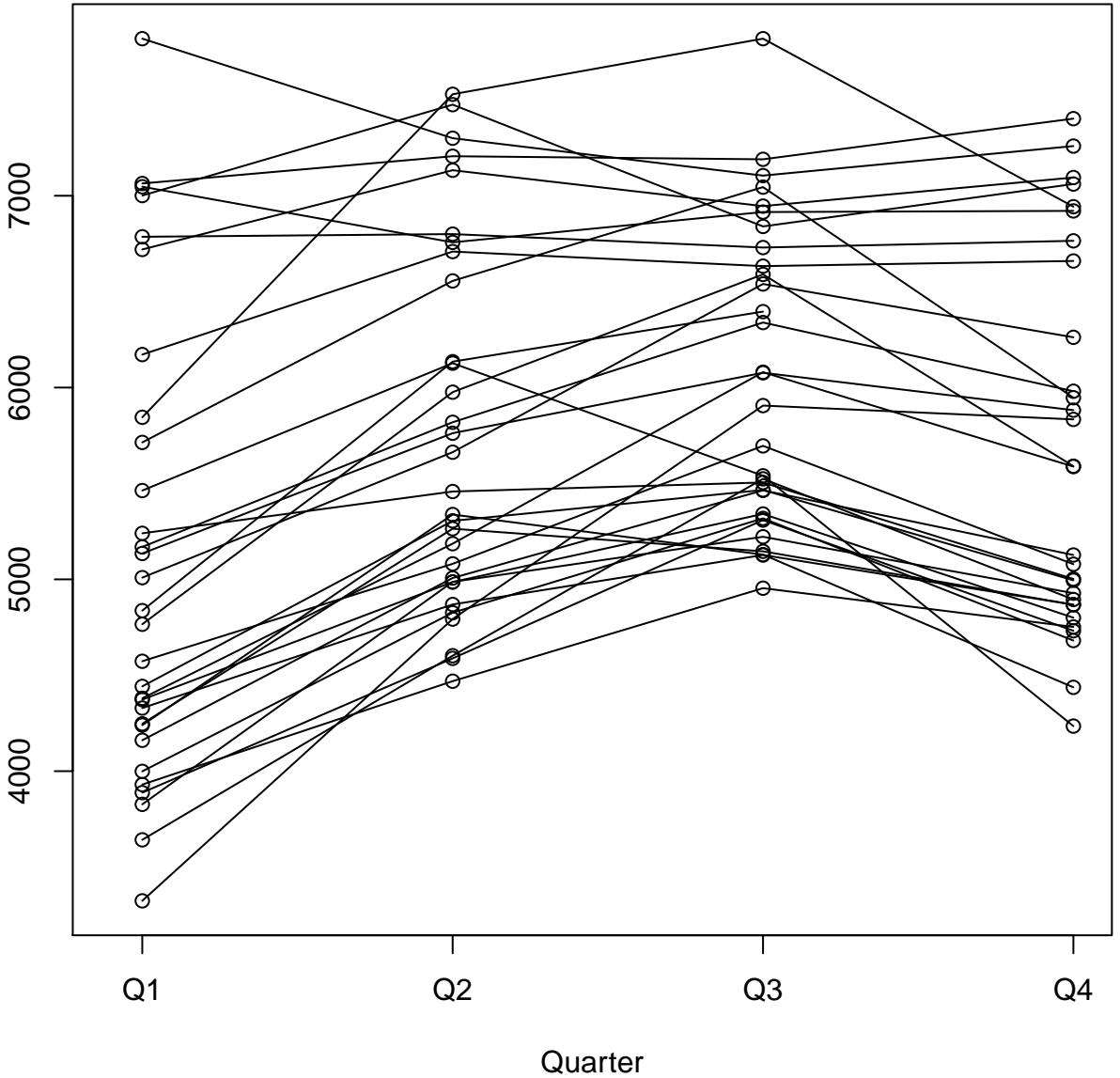
# USAccDeaths



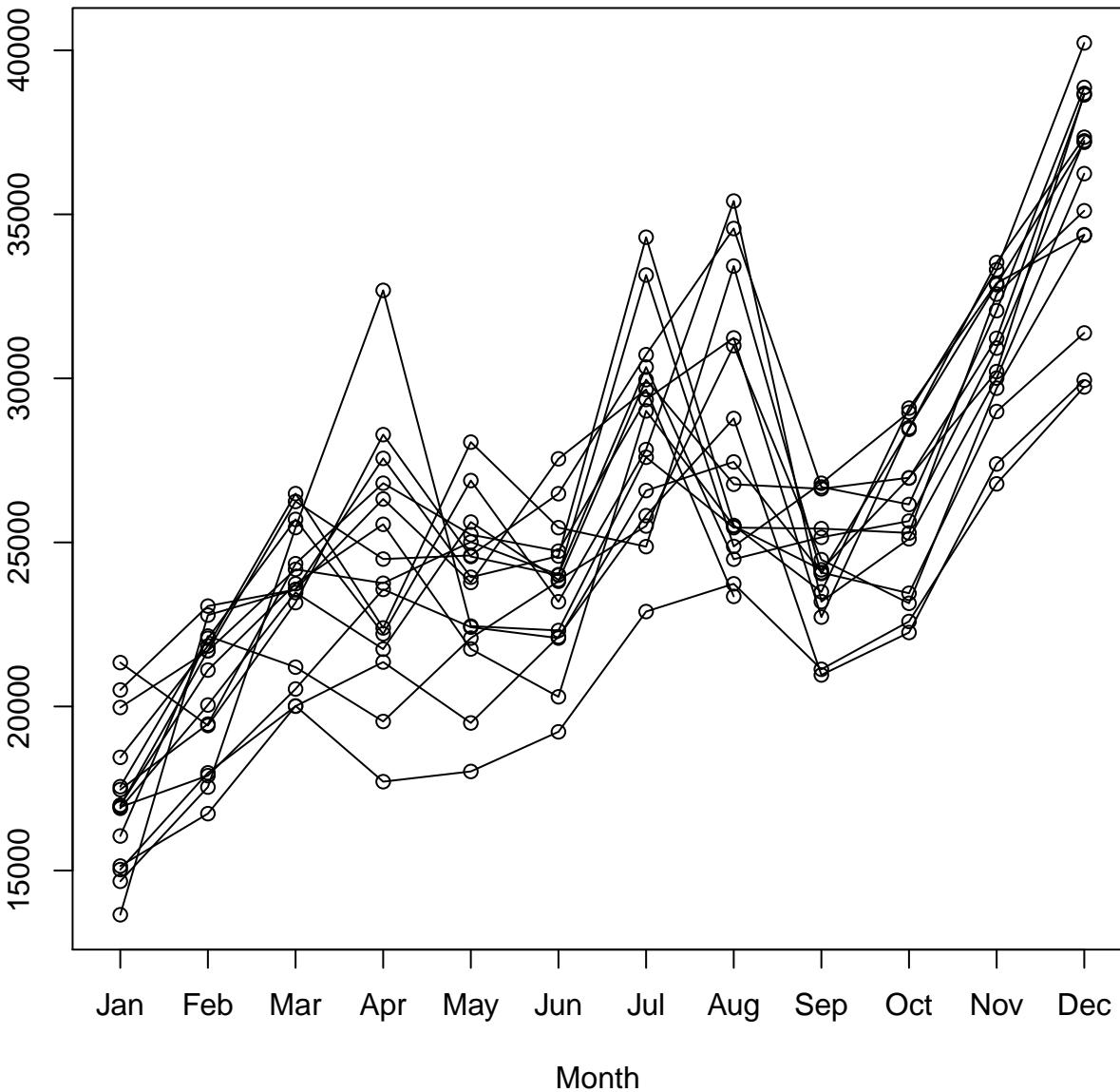
Seasonal plot:  $ts(\text{gold}, f = 7)$



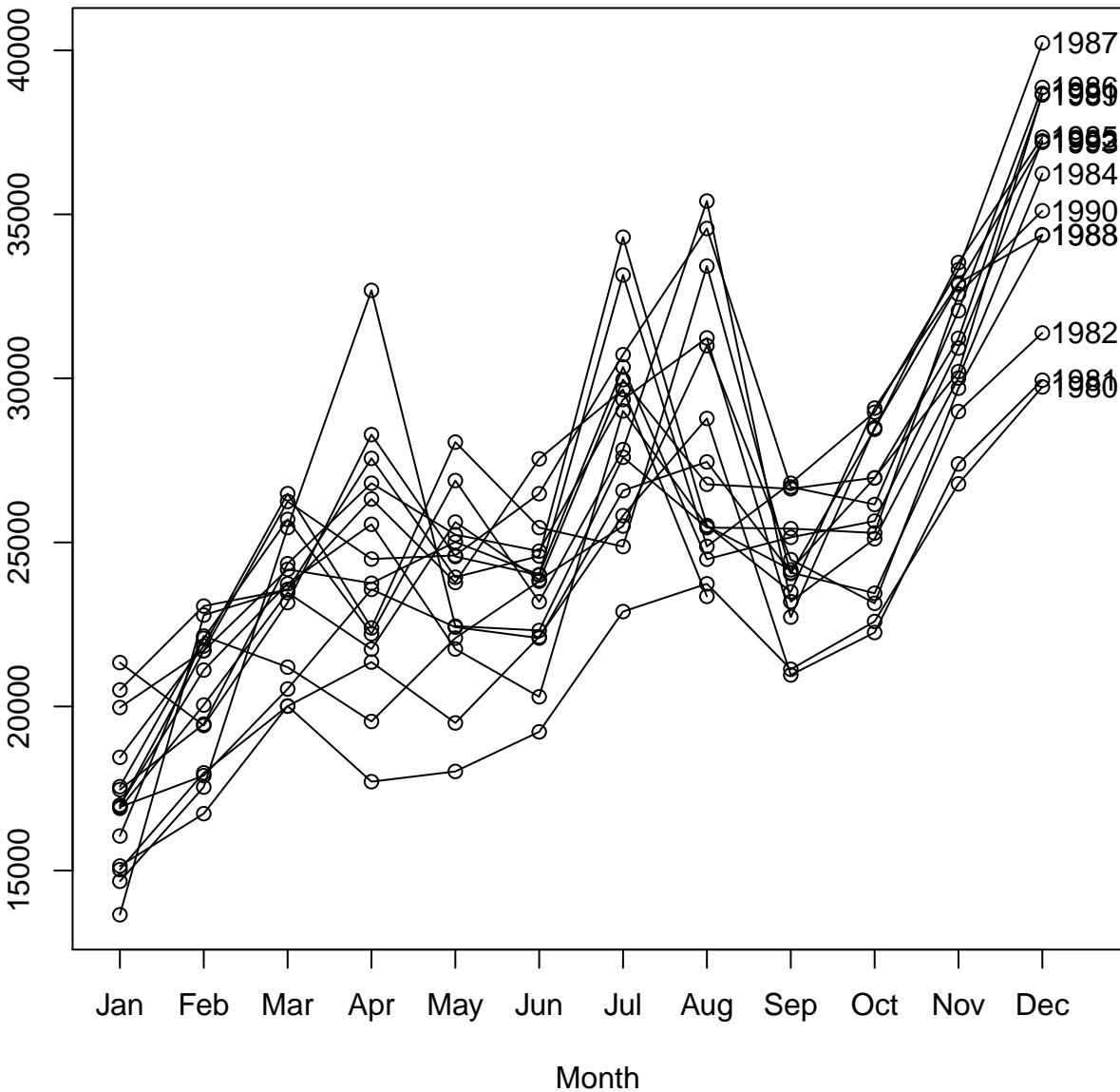
Seasonal plot: woolyrnq



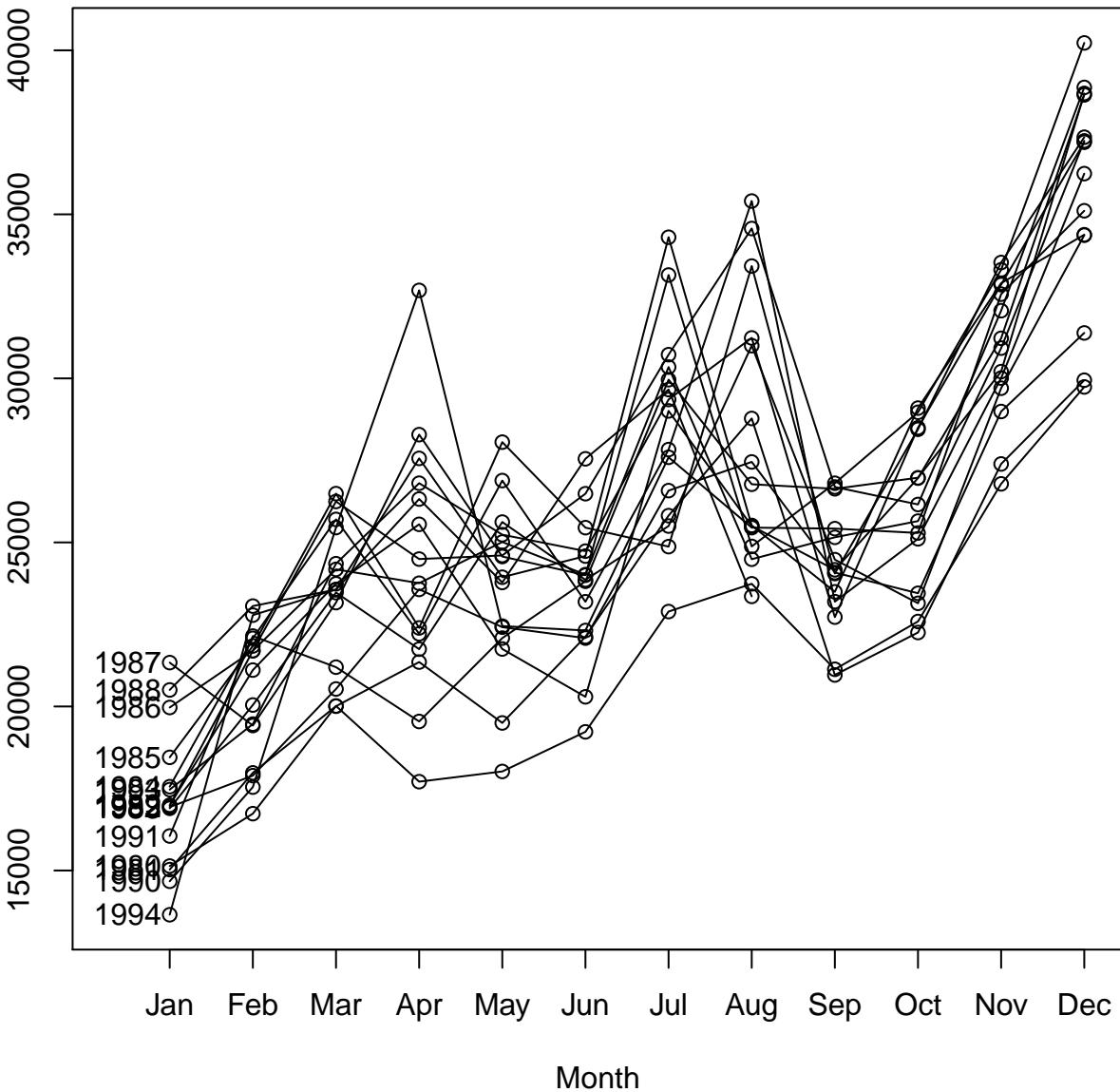
Seasonal plot: wineind



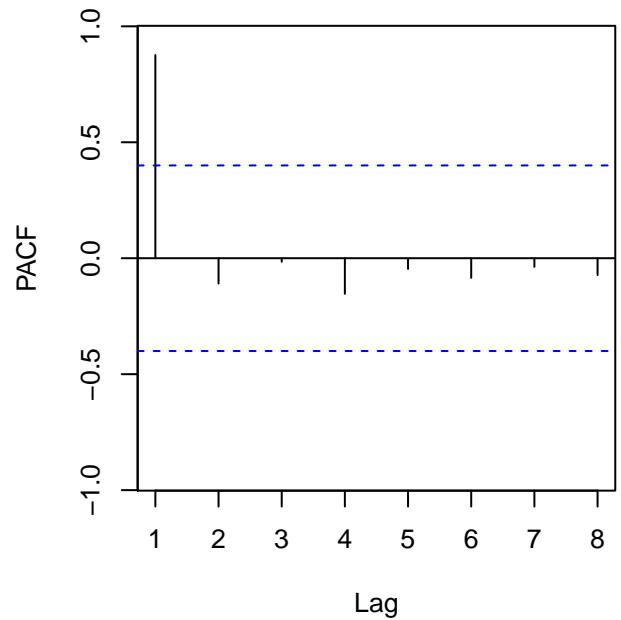
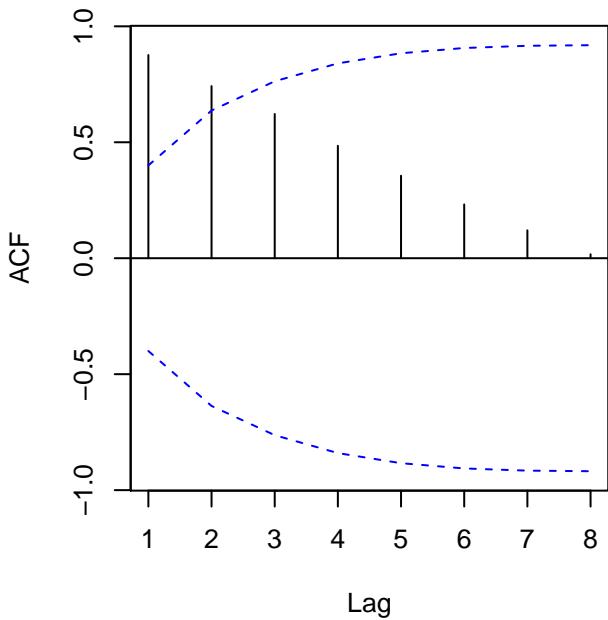
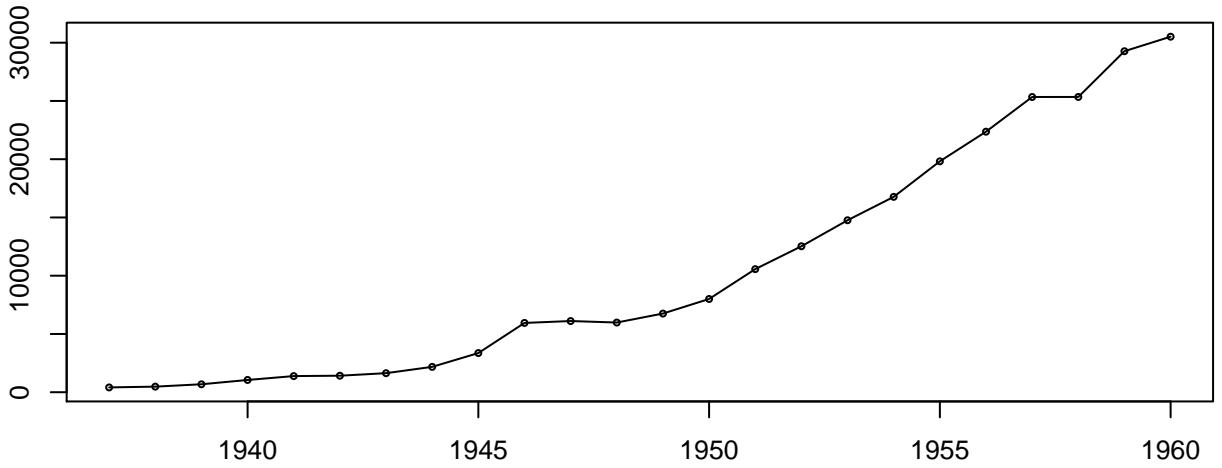
# Seasonal plot: wineind



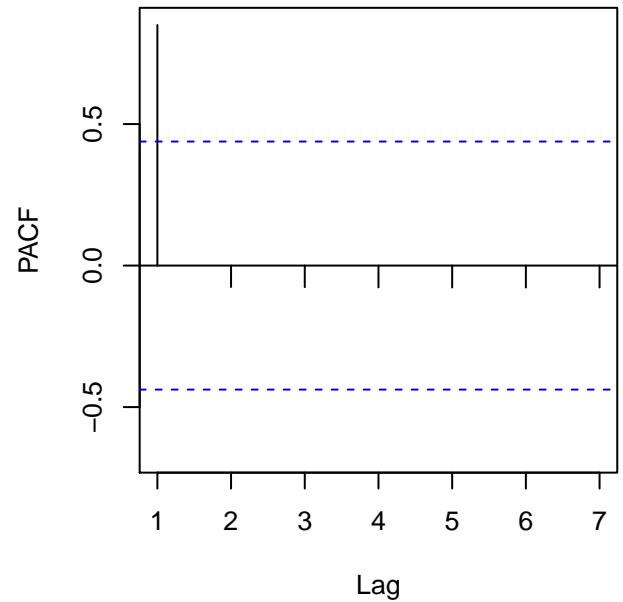
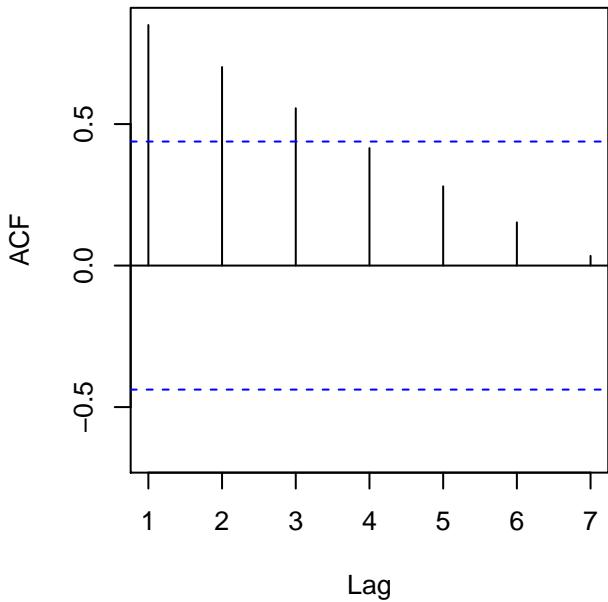
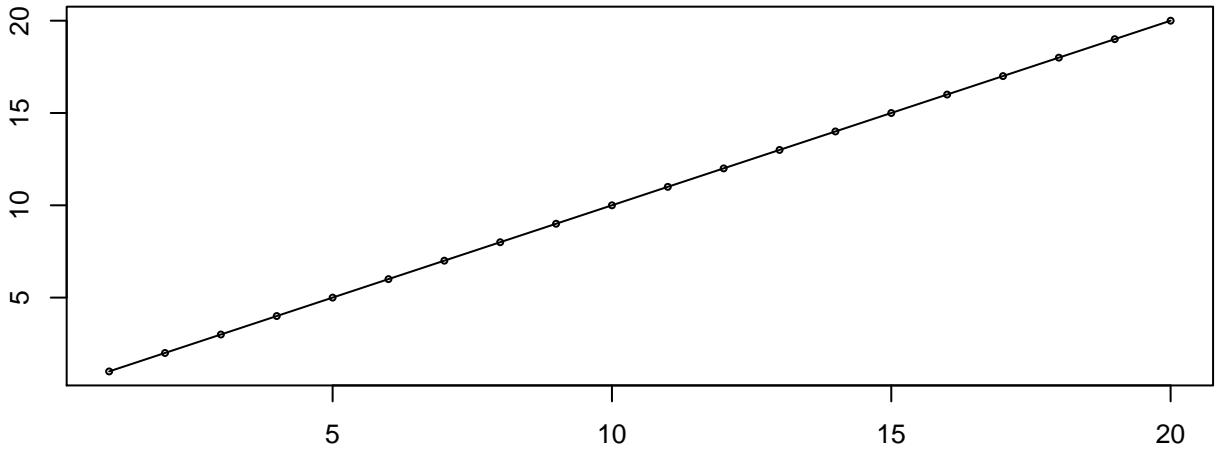
# Seasonal plot: wineind



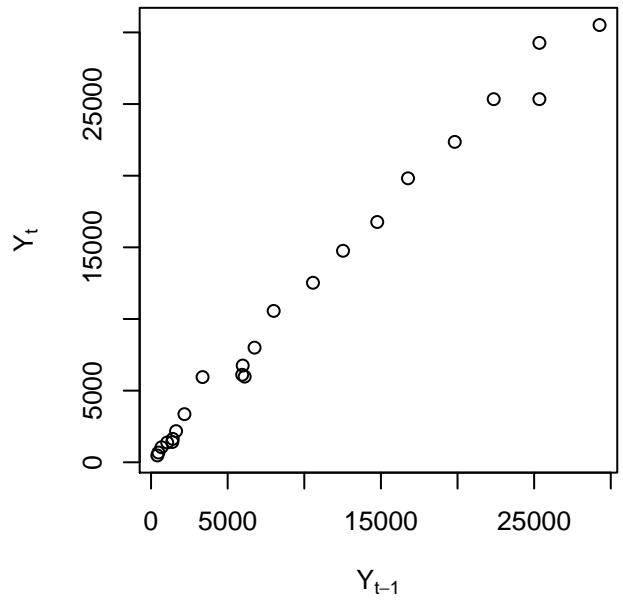
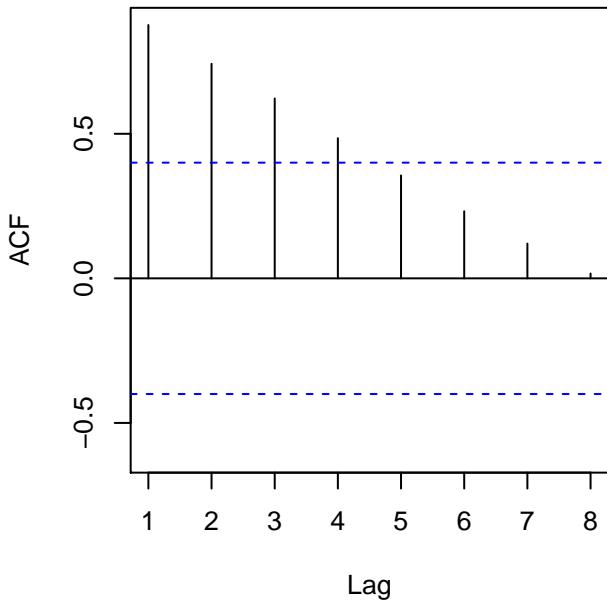
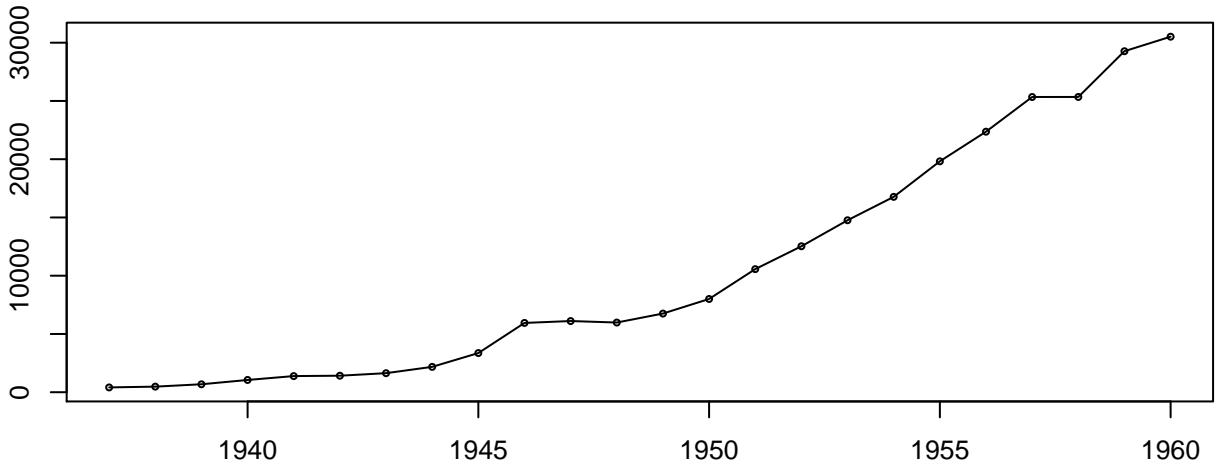
# airmiles



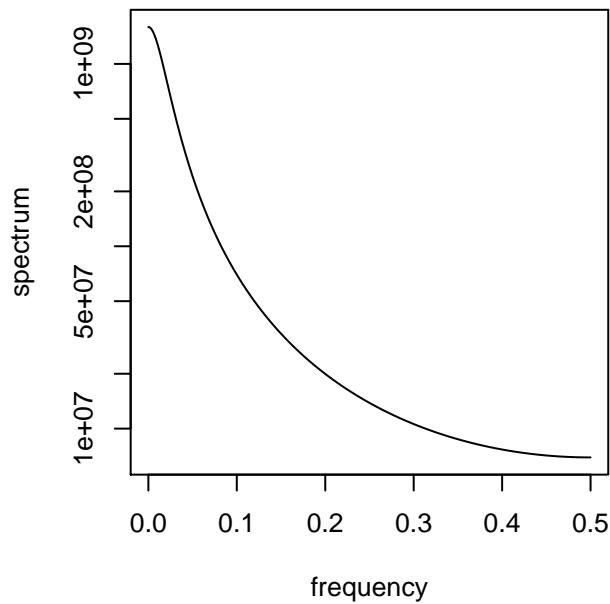
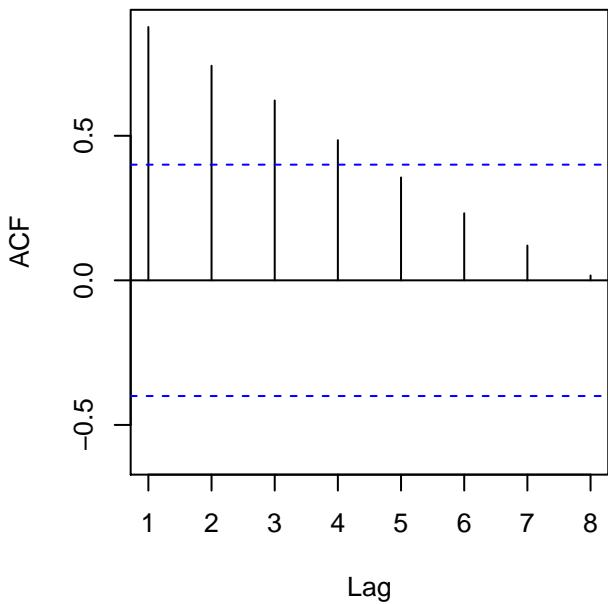
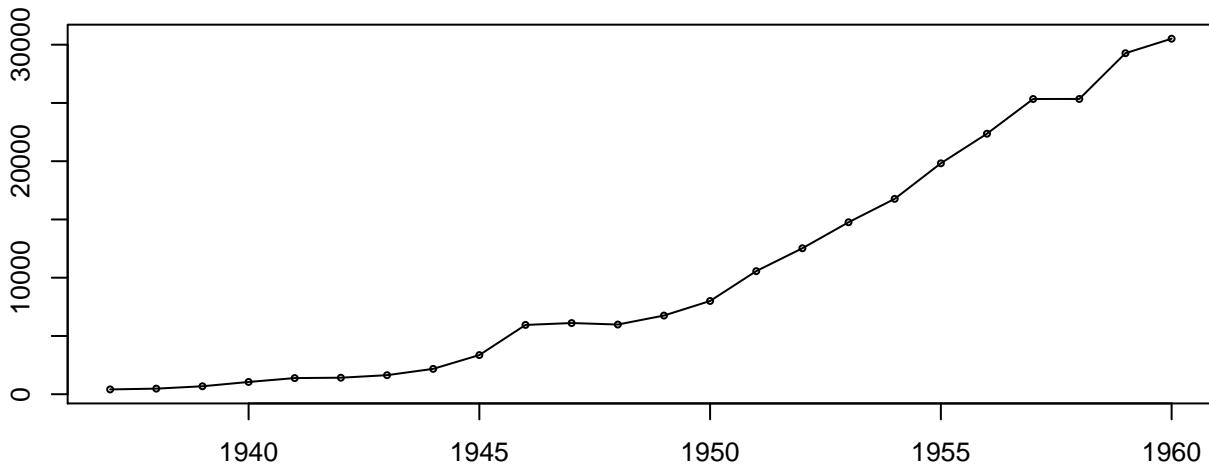
1:20



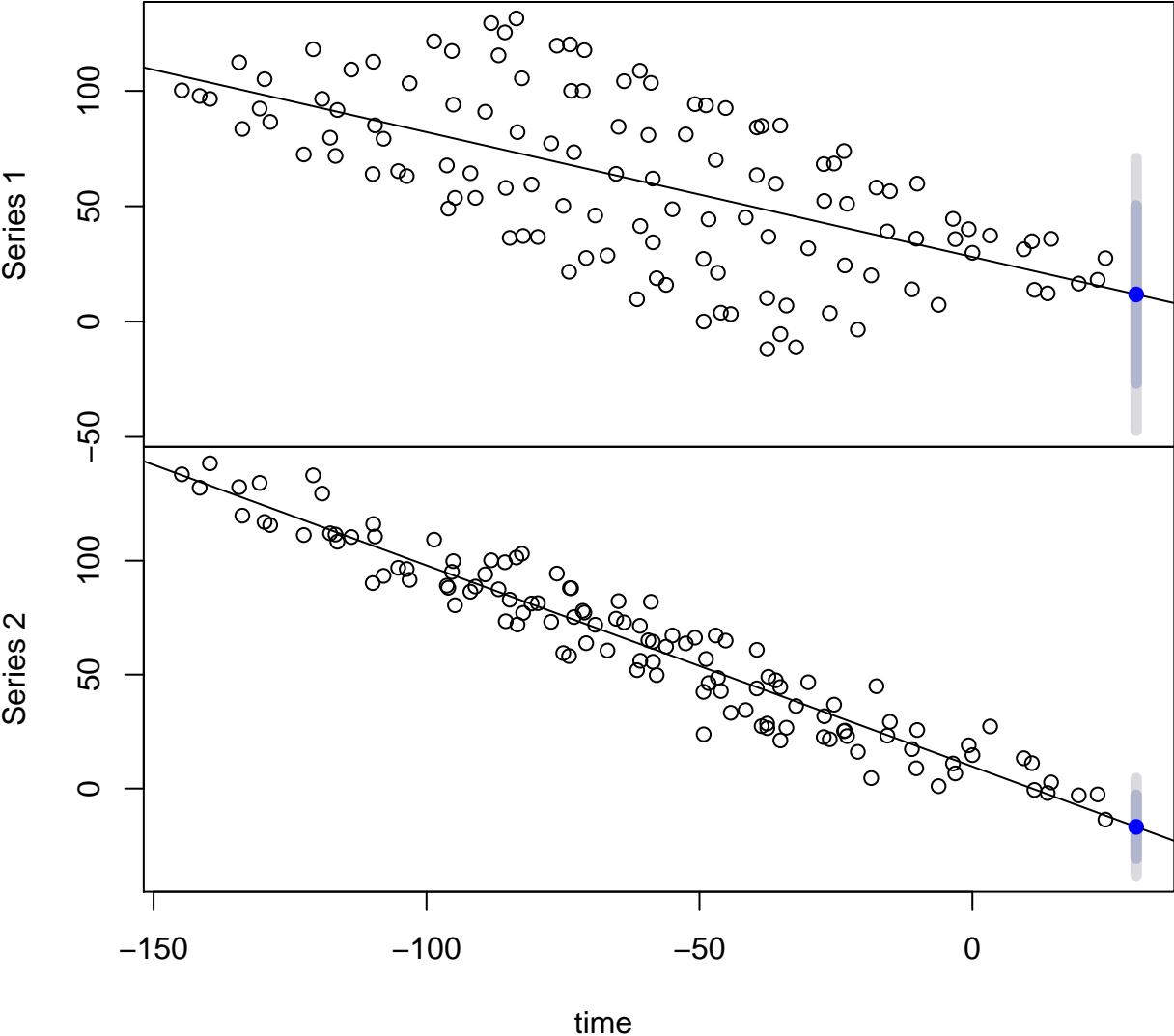
# airmiles



# airmiles



# Forecasts from Multiple linear regression model



# Forecasts from Cubic Smoothing Spline

