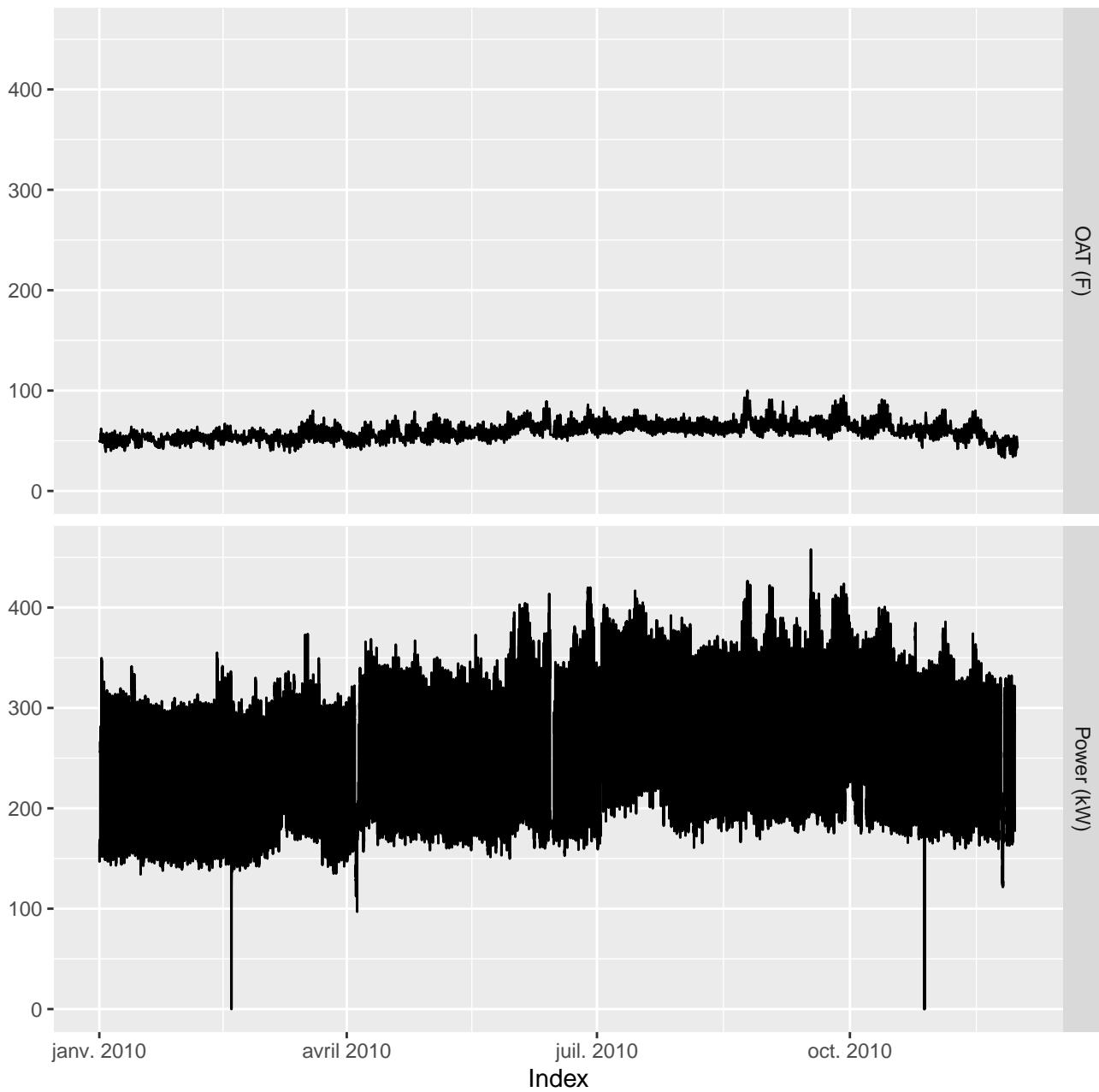
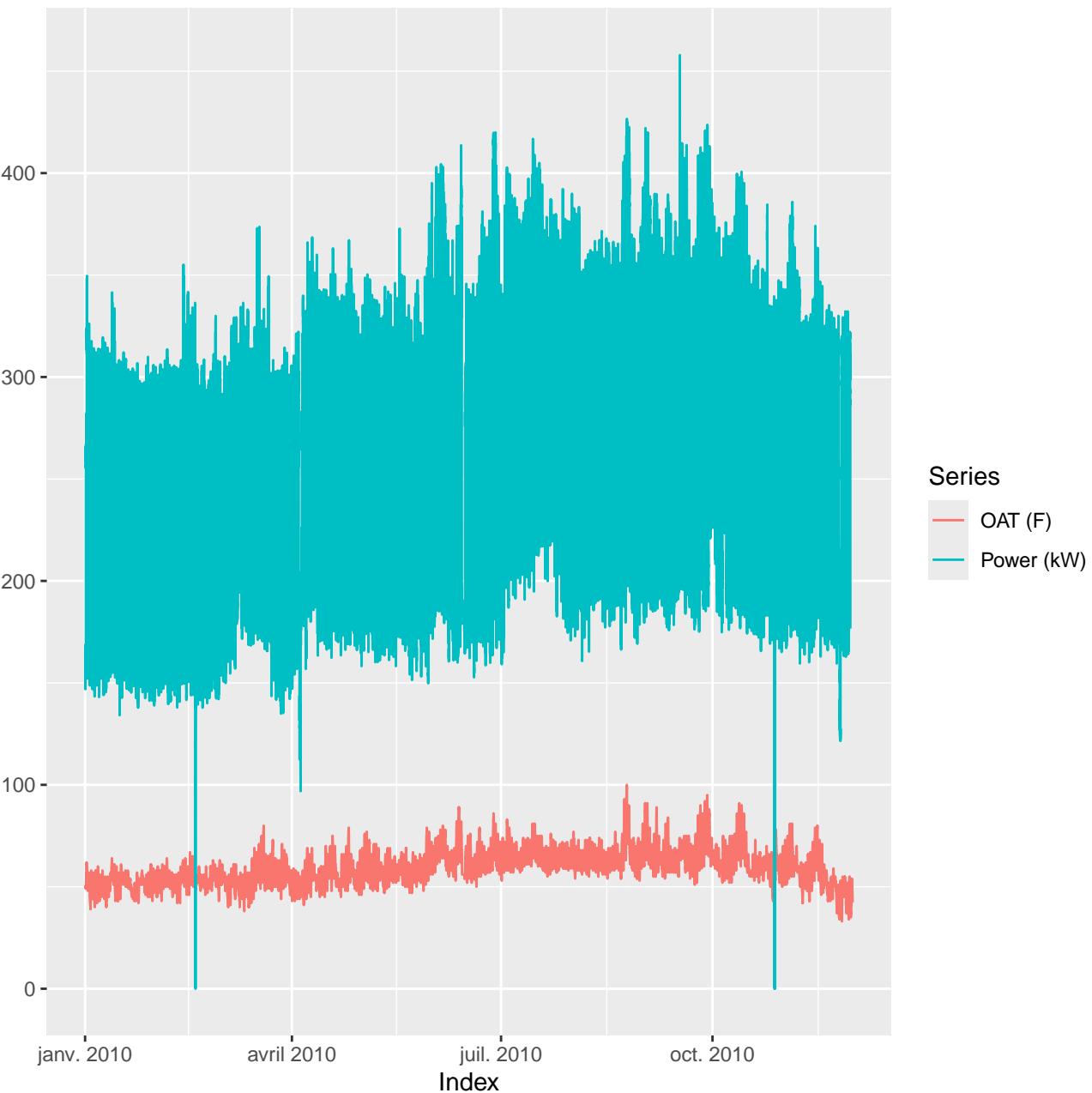


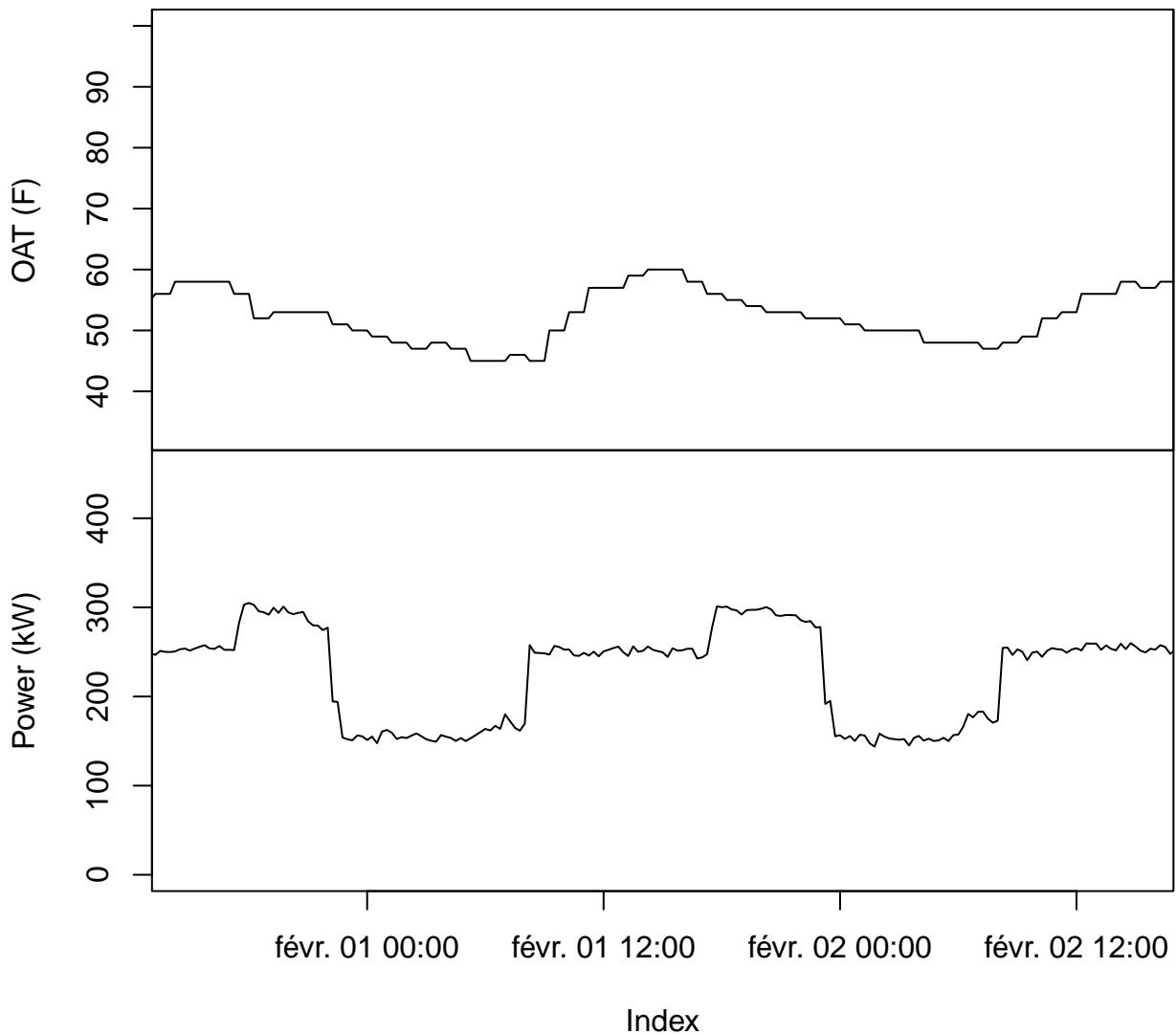
Elec_30_11_train

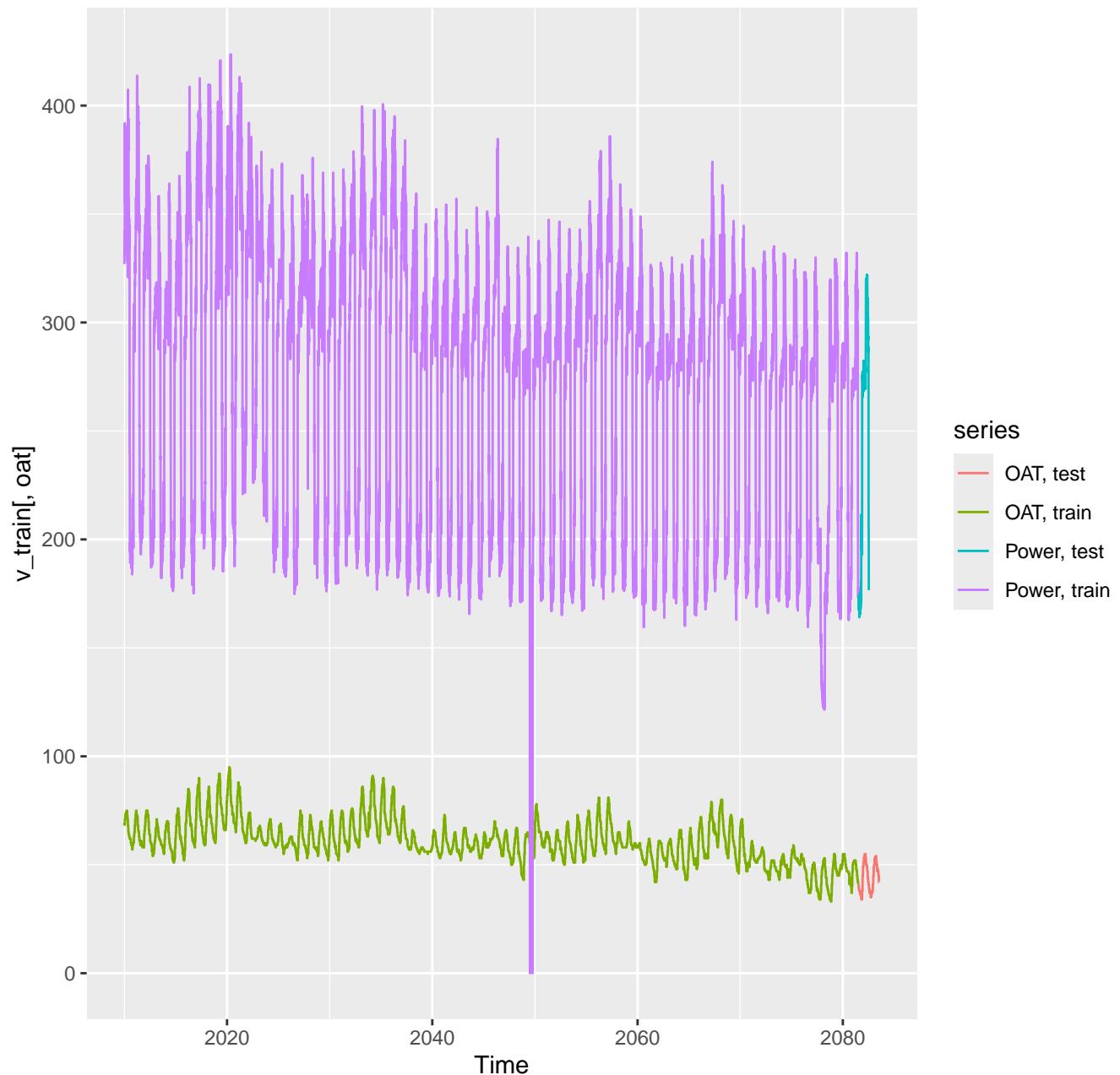


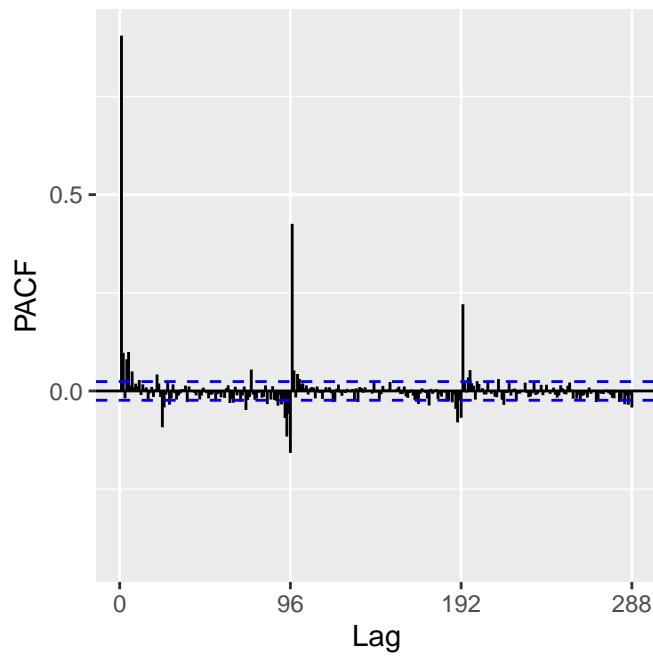
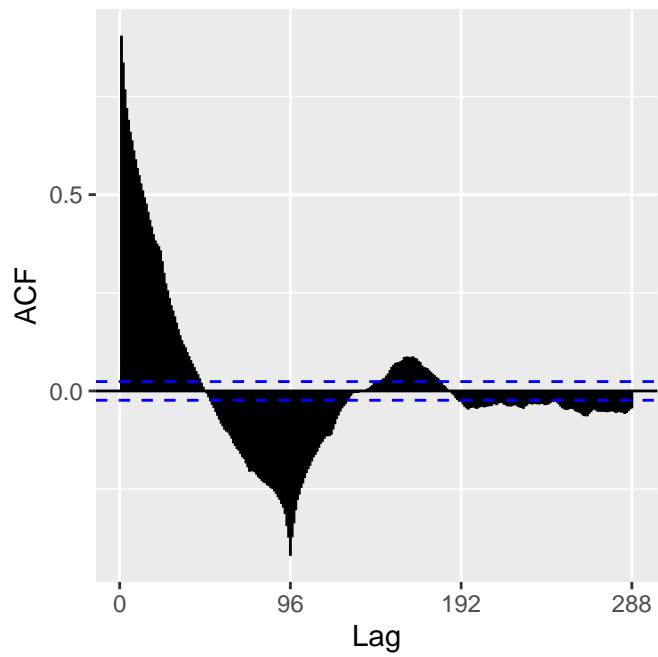
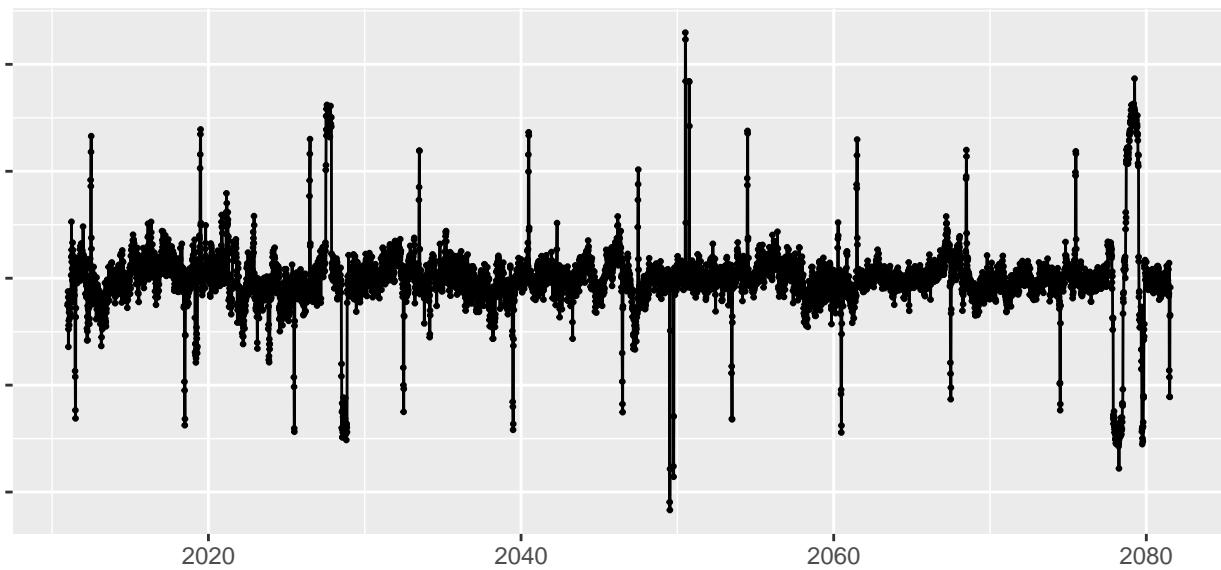
Elec_30_11_train

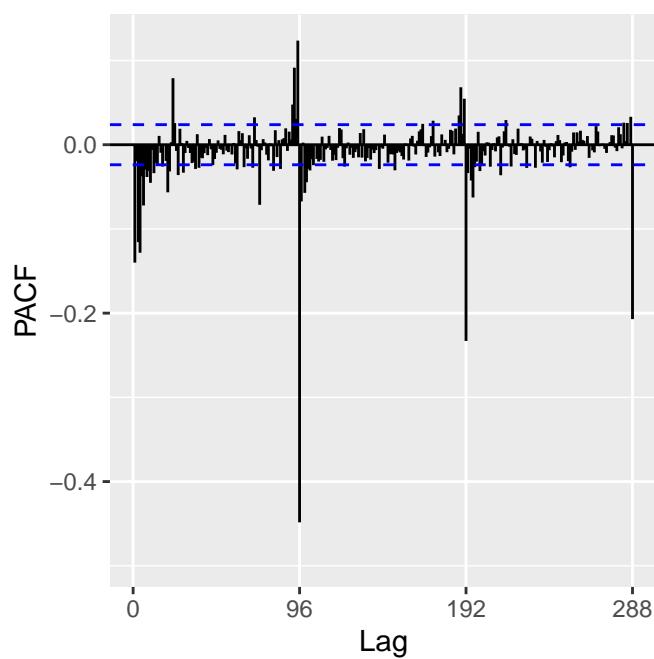
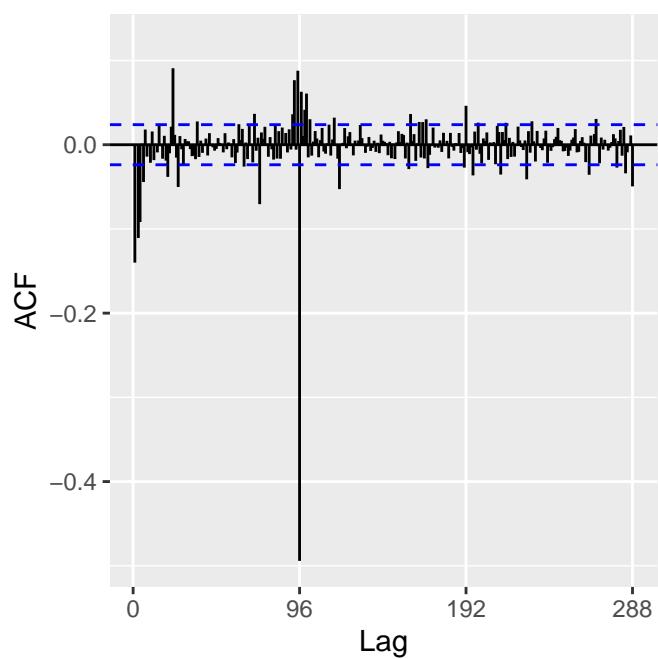
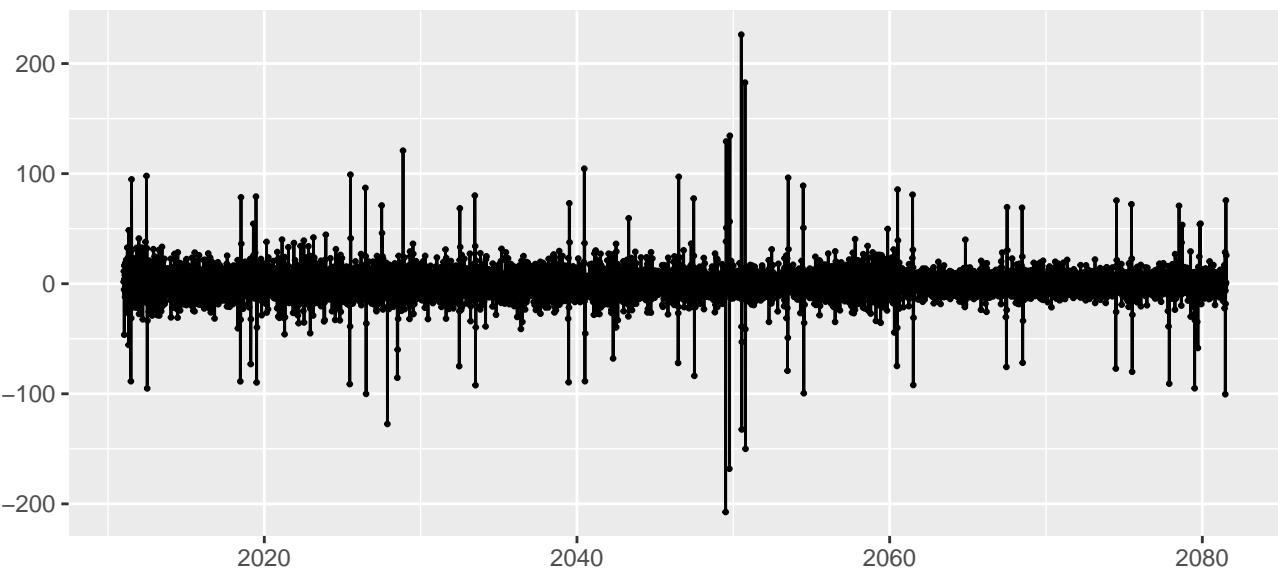


Search for periodicity : plot two days





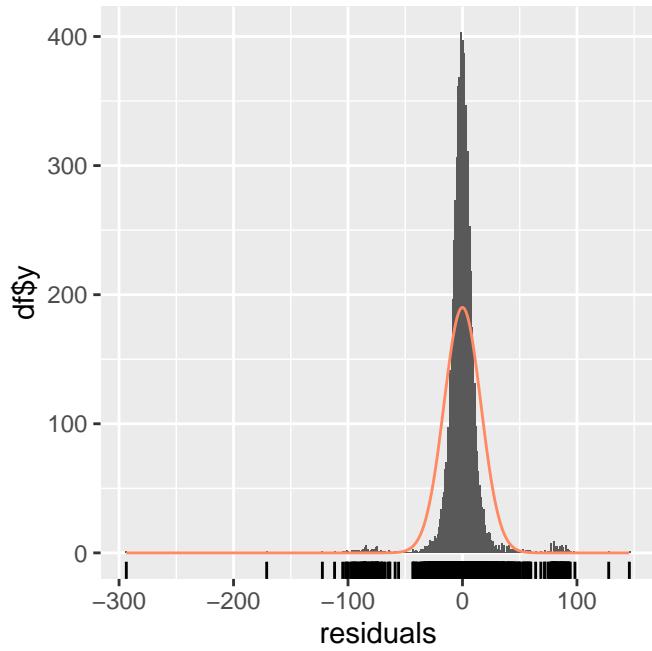
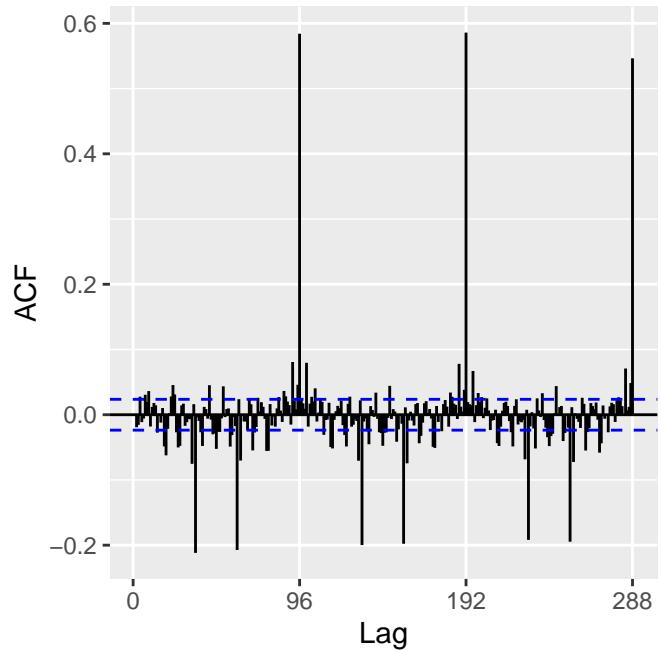
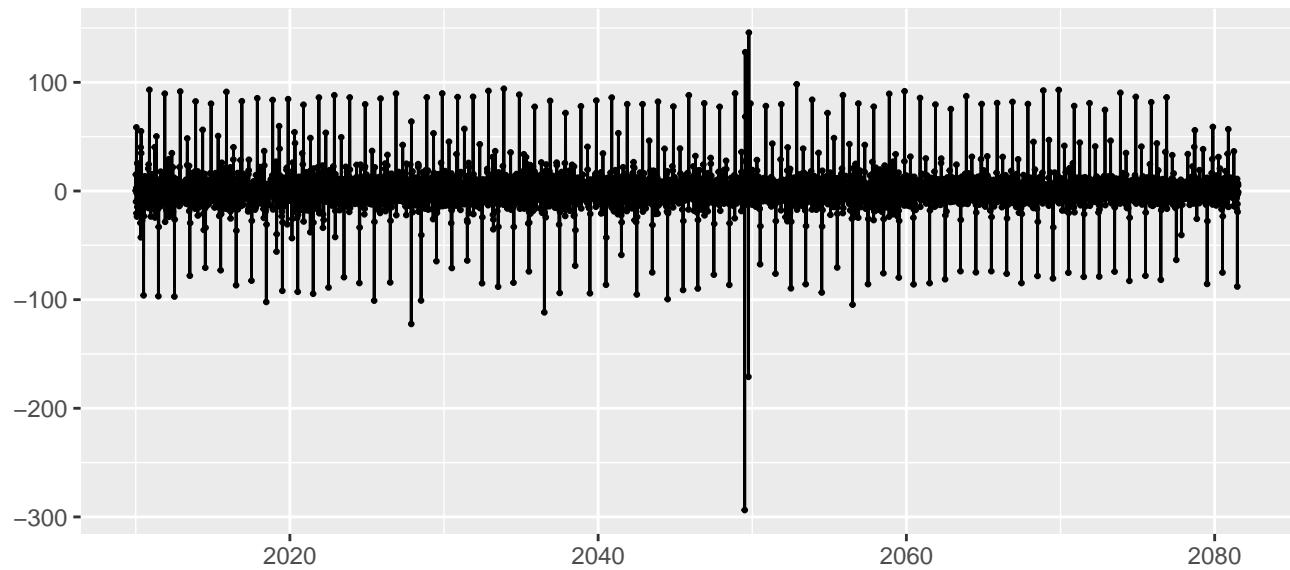




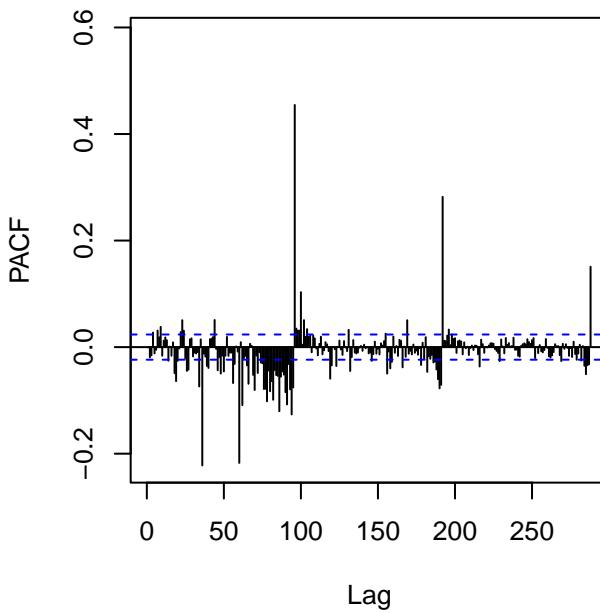
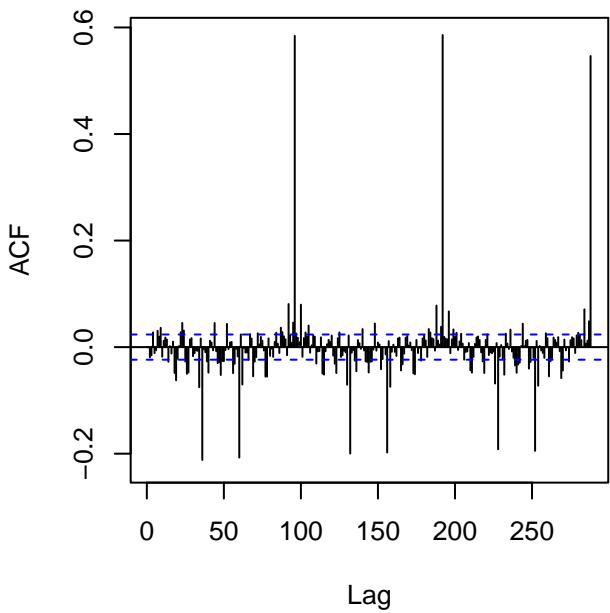
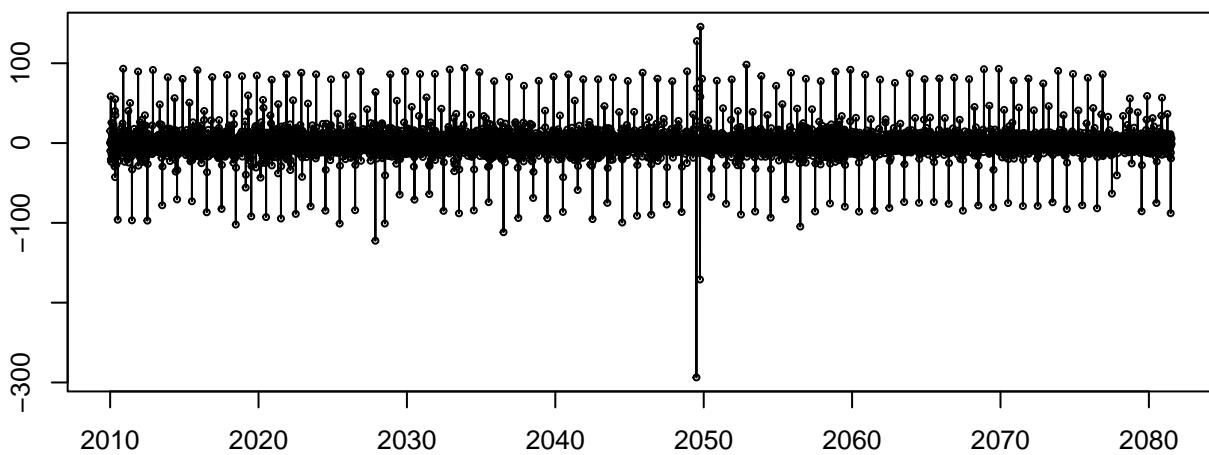
ARIMA

1. Without covariates
2. With covariates

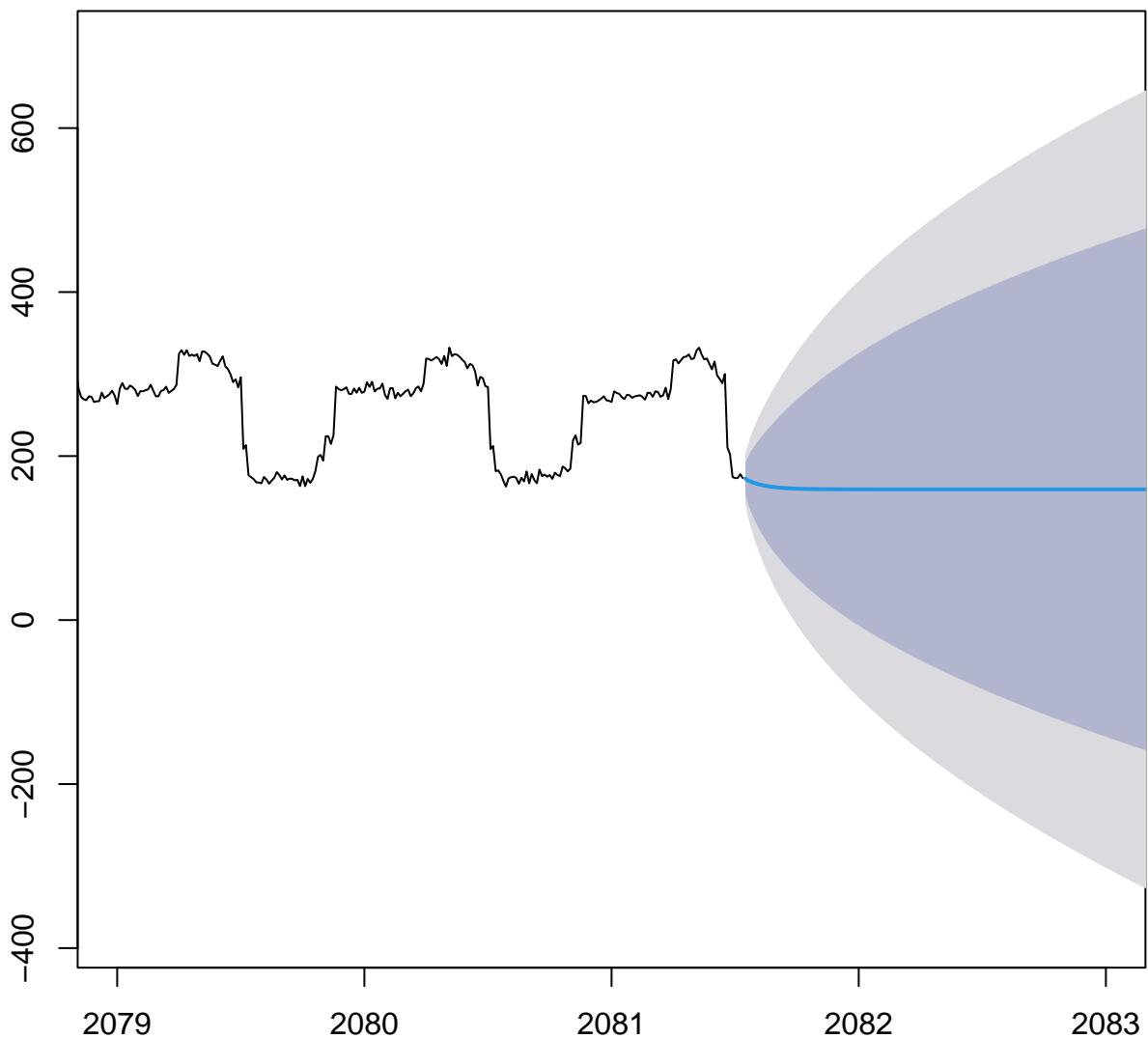
Residuals from ARIMA(2,1,3)



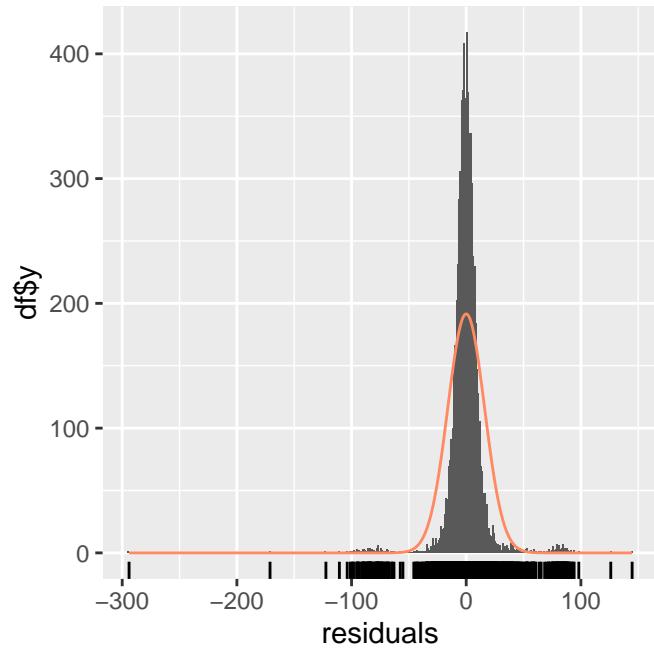
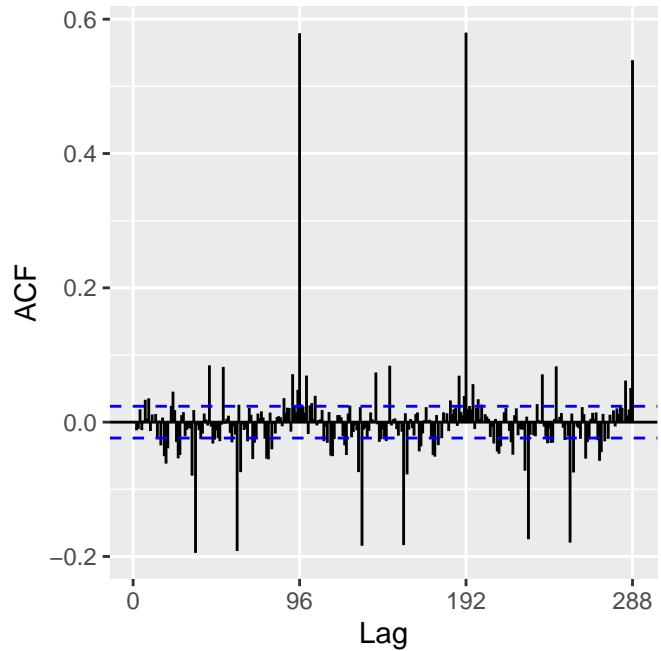
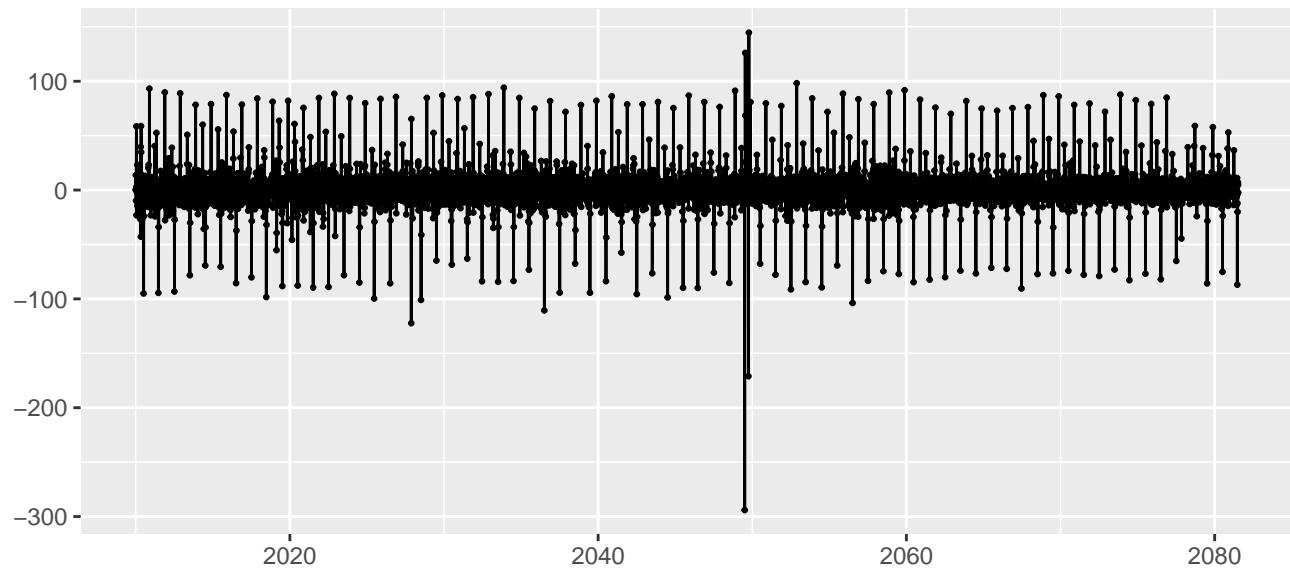
fit\$residuals



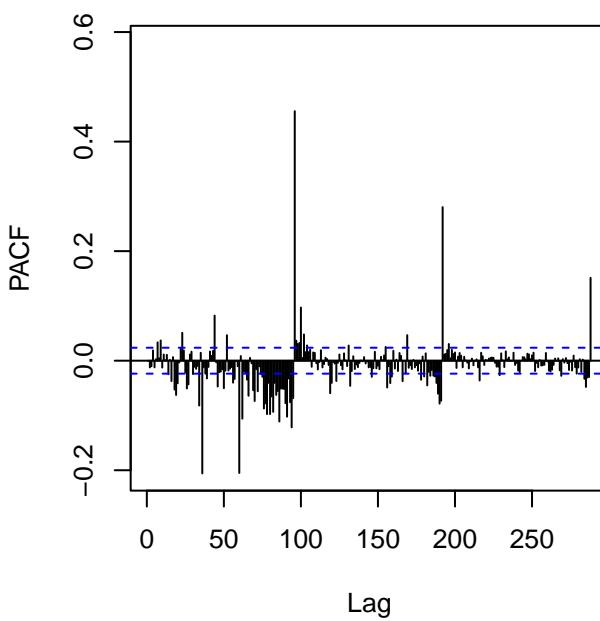
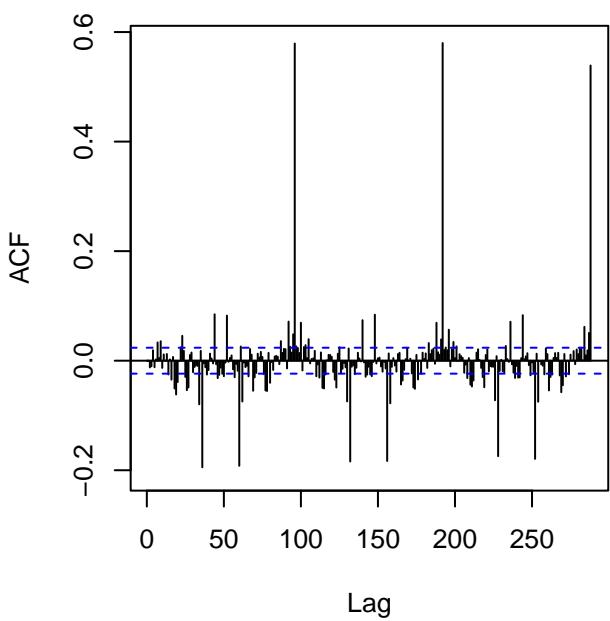
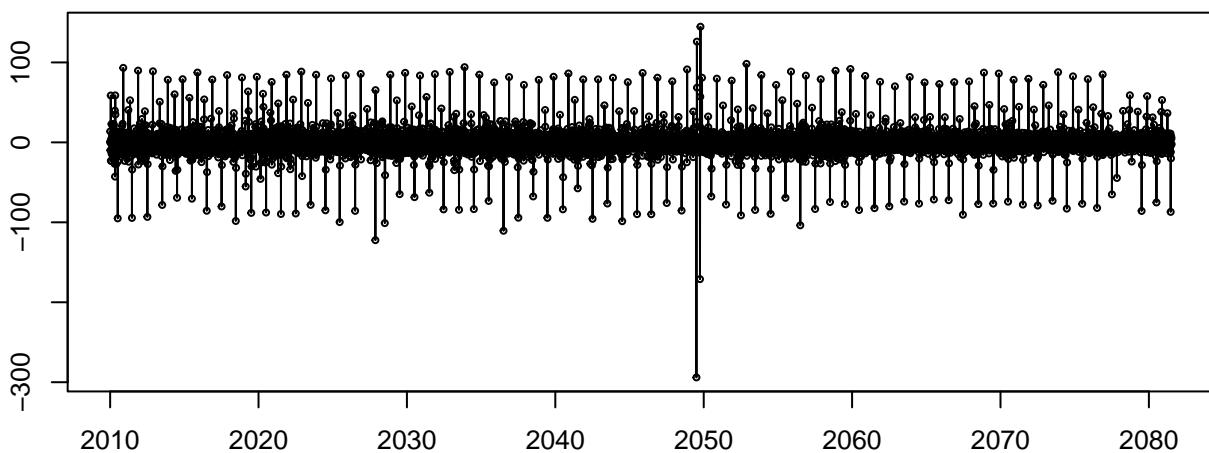
Forecasts from ARIMA(2,1,3)



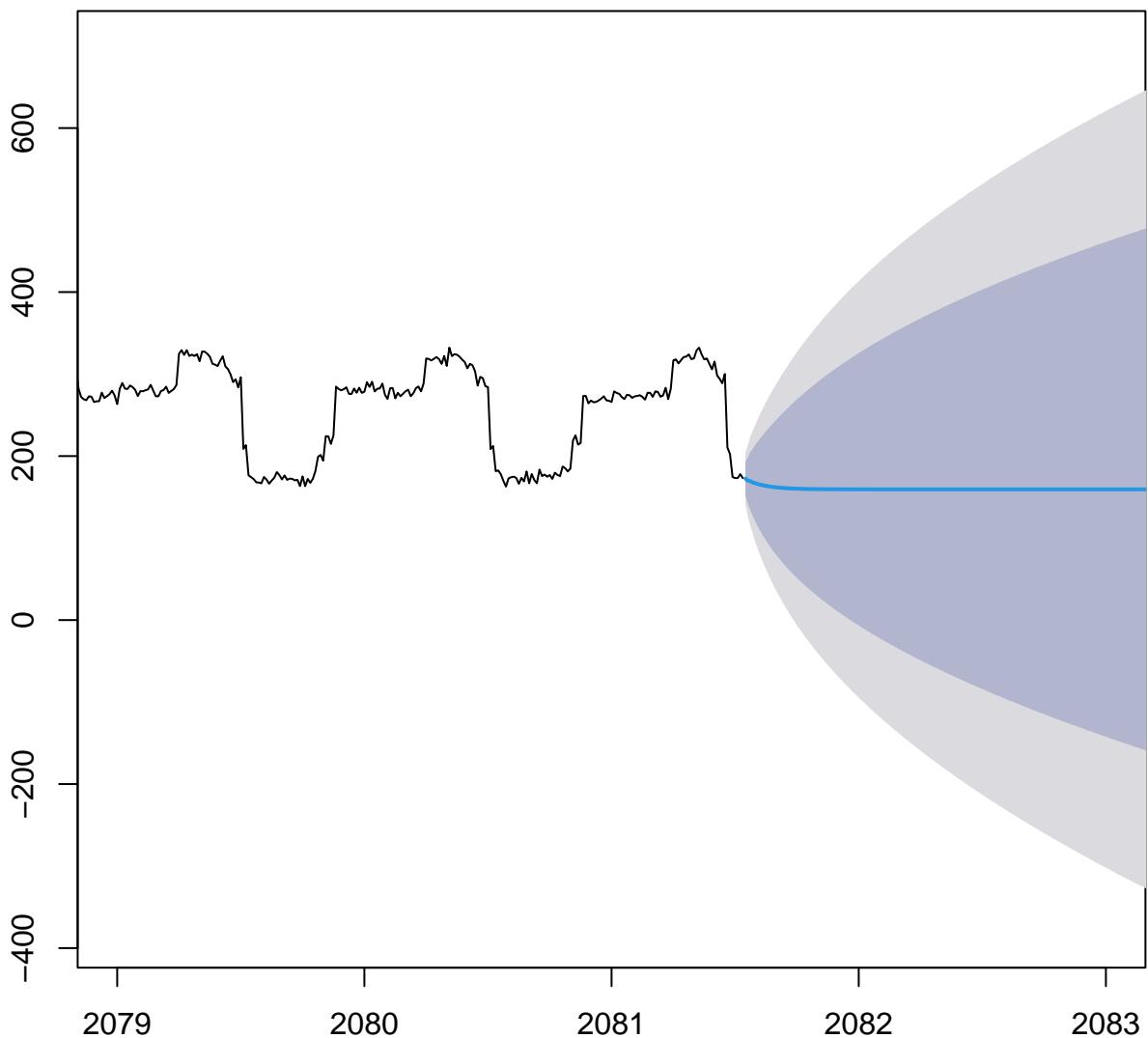
Residuals from Regression with ARIMA(2,1,3) errors

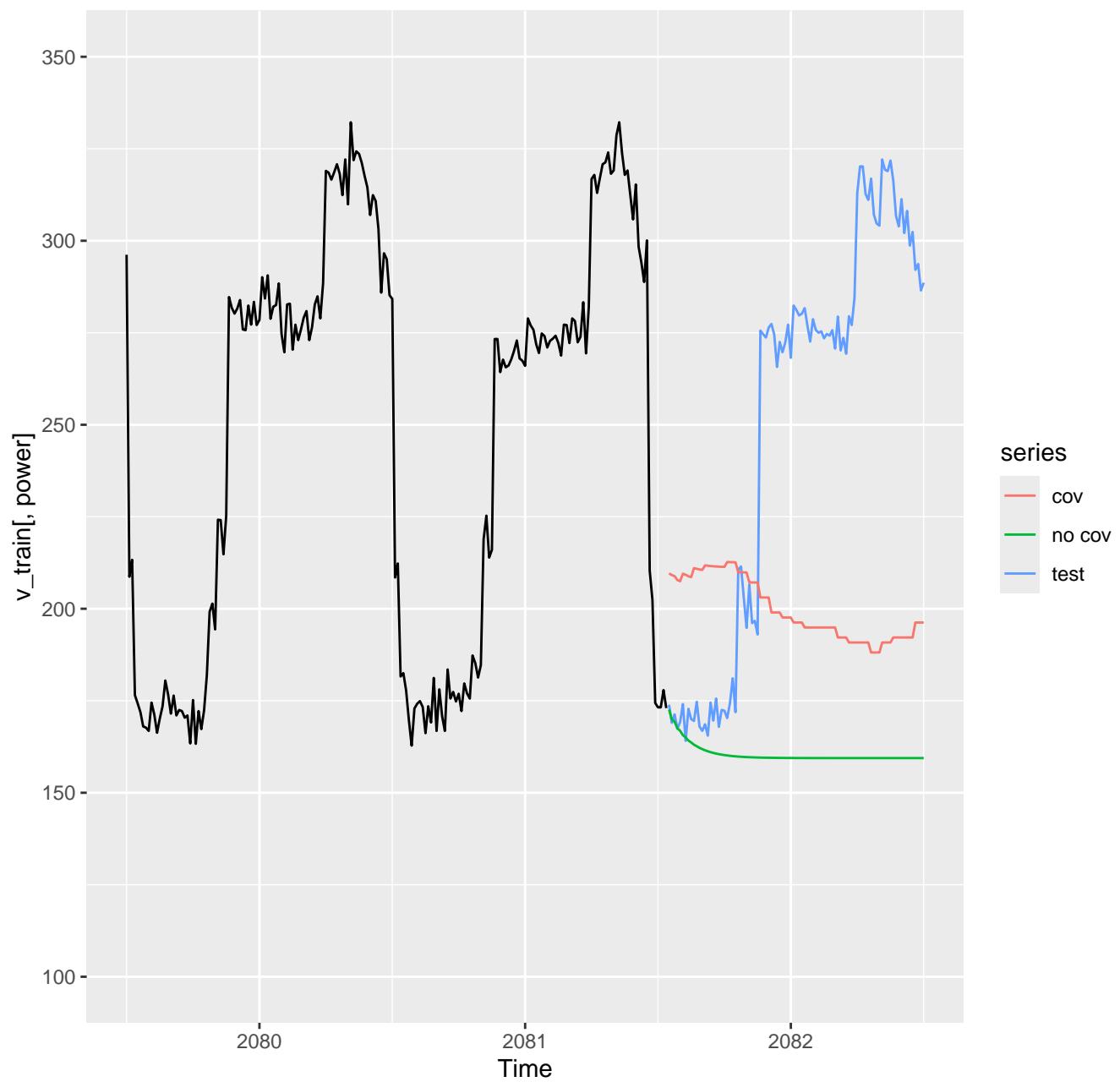


fit\$residuals



Forecasts from ARIMA(2,1,3)

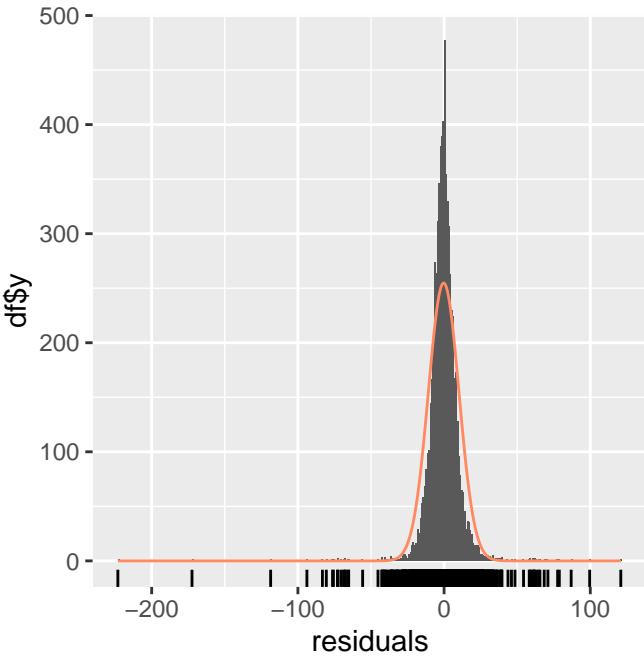
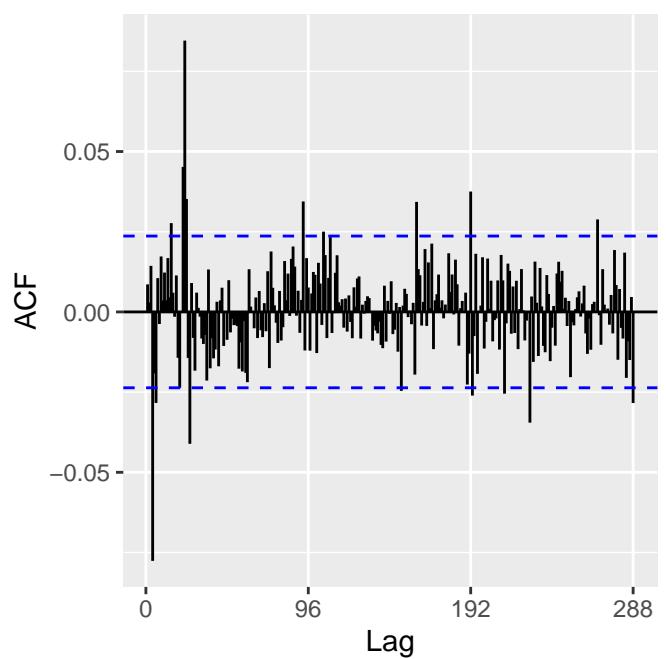
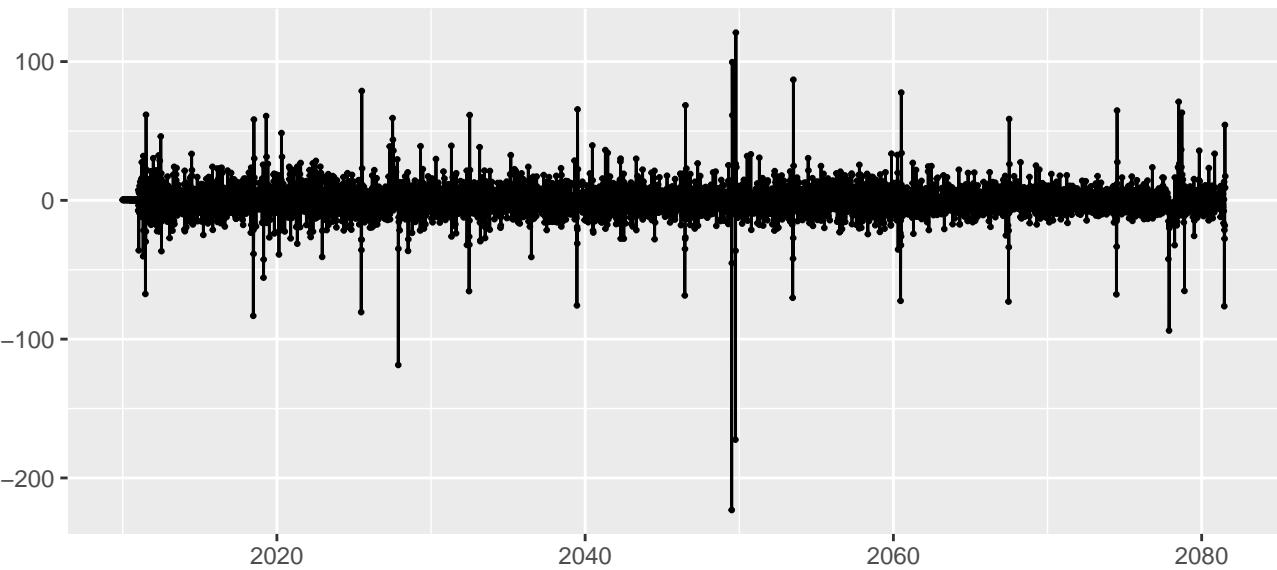




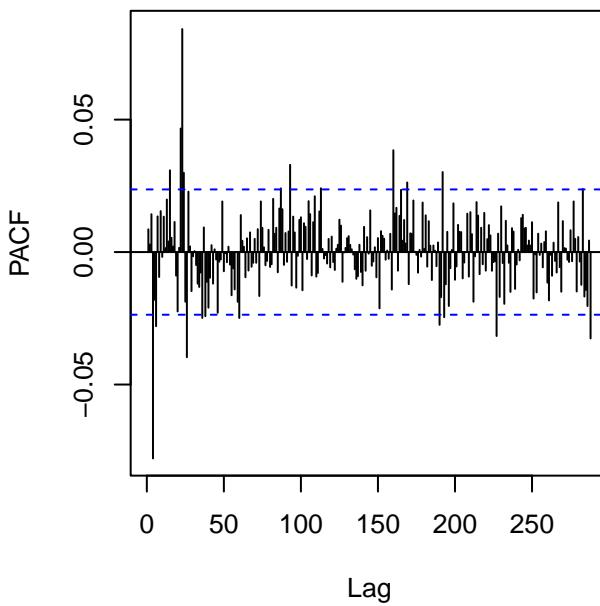
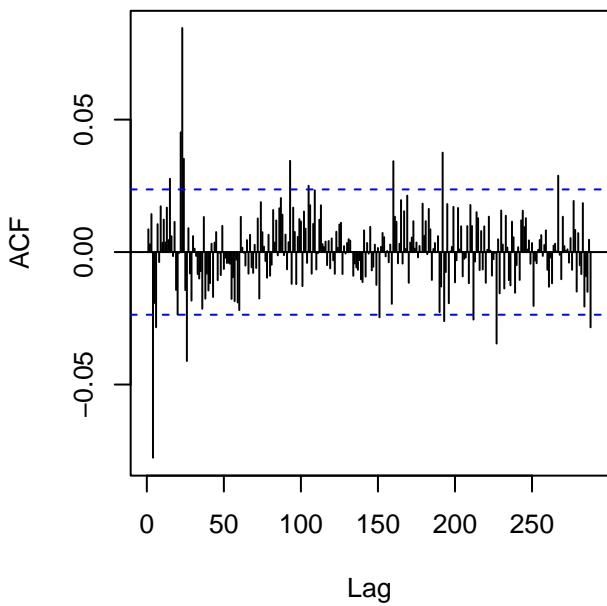
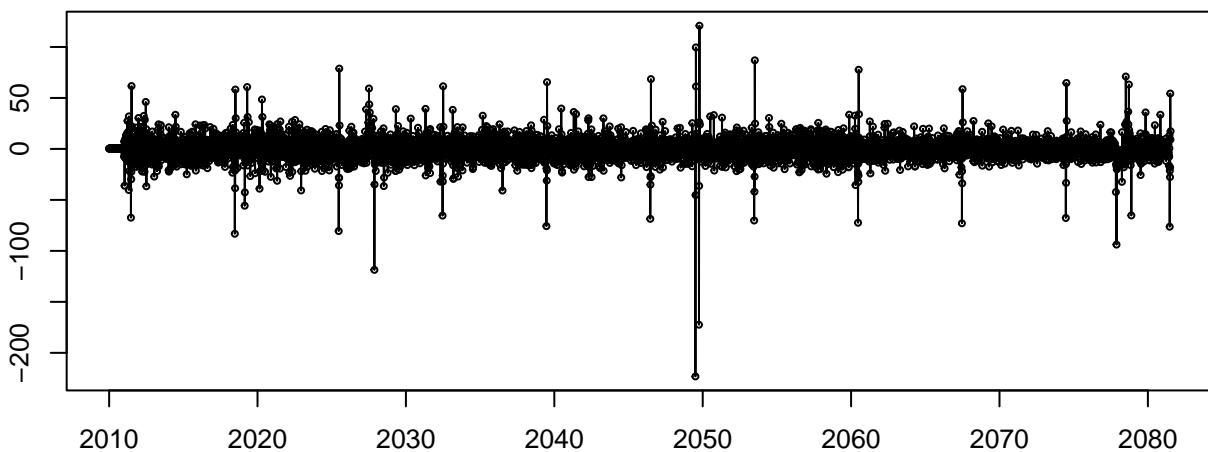
SARIMA

1. Without covariates
2. With covariates

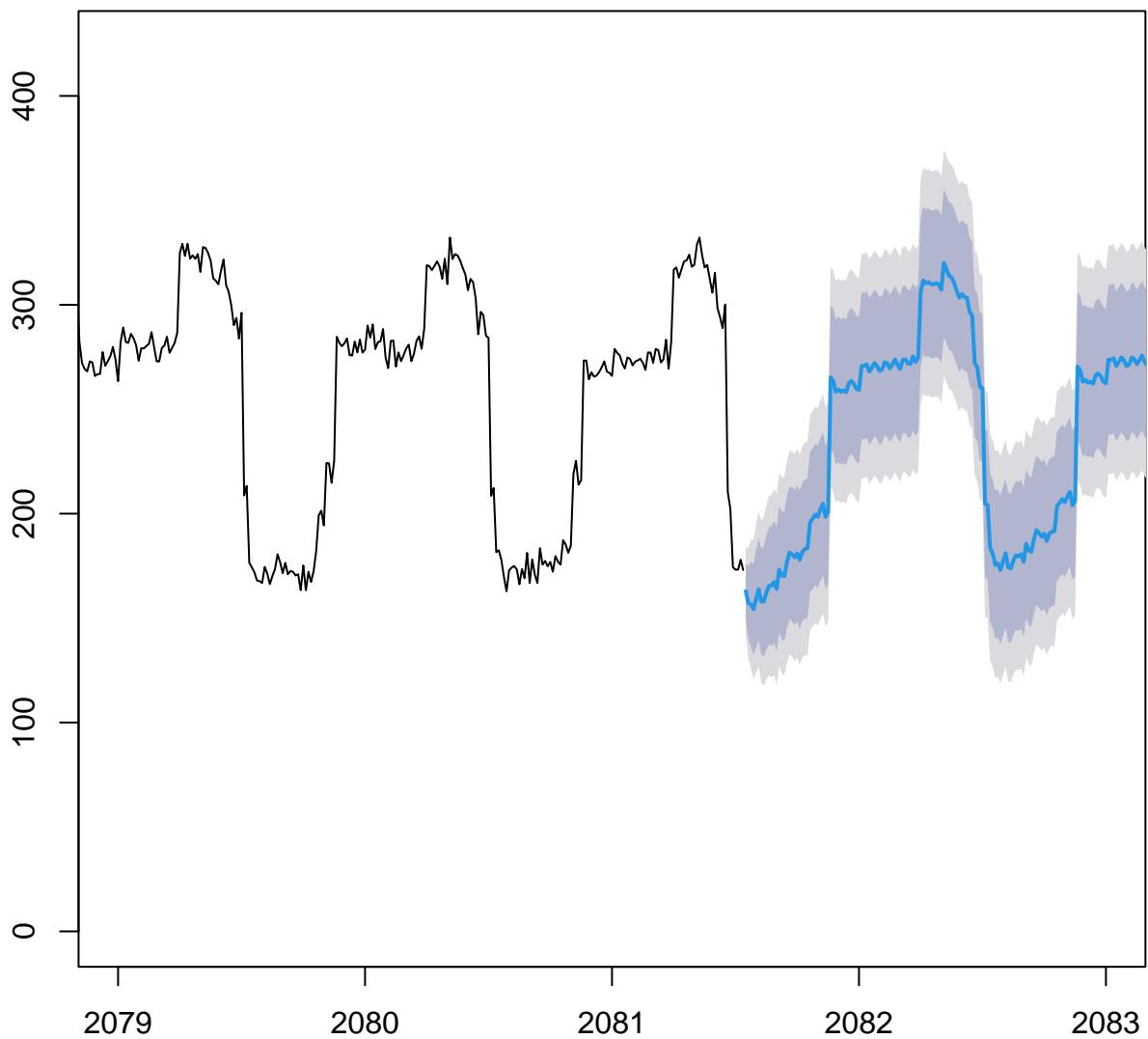
Residuals from ARIMA(1,0,3)(1,1,1)[96]



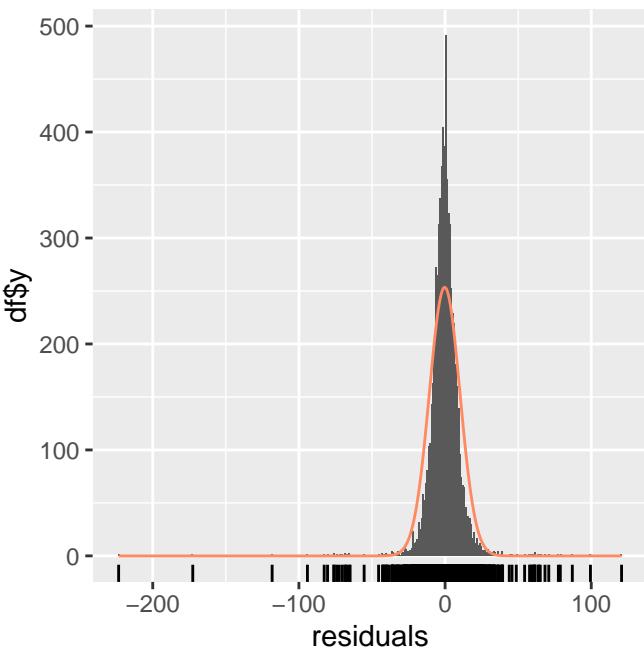
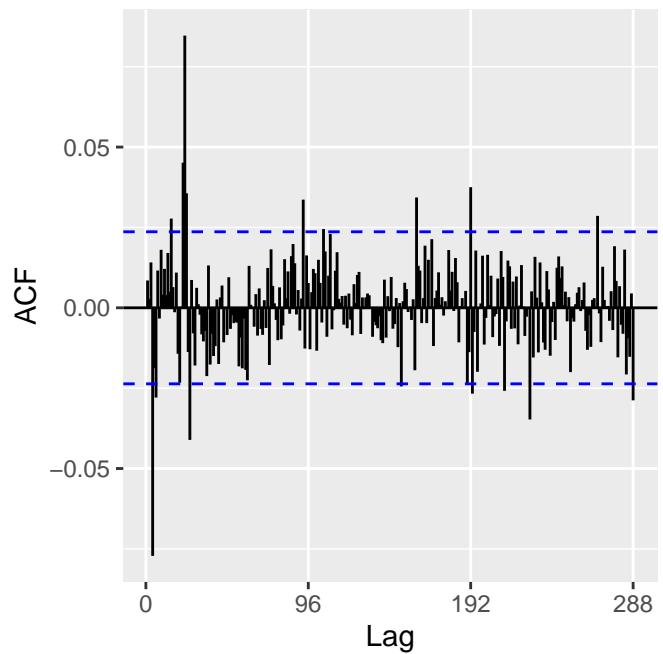
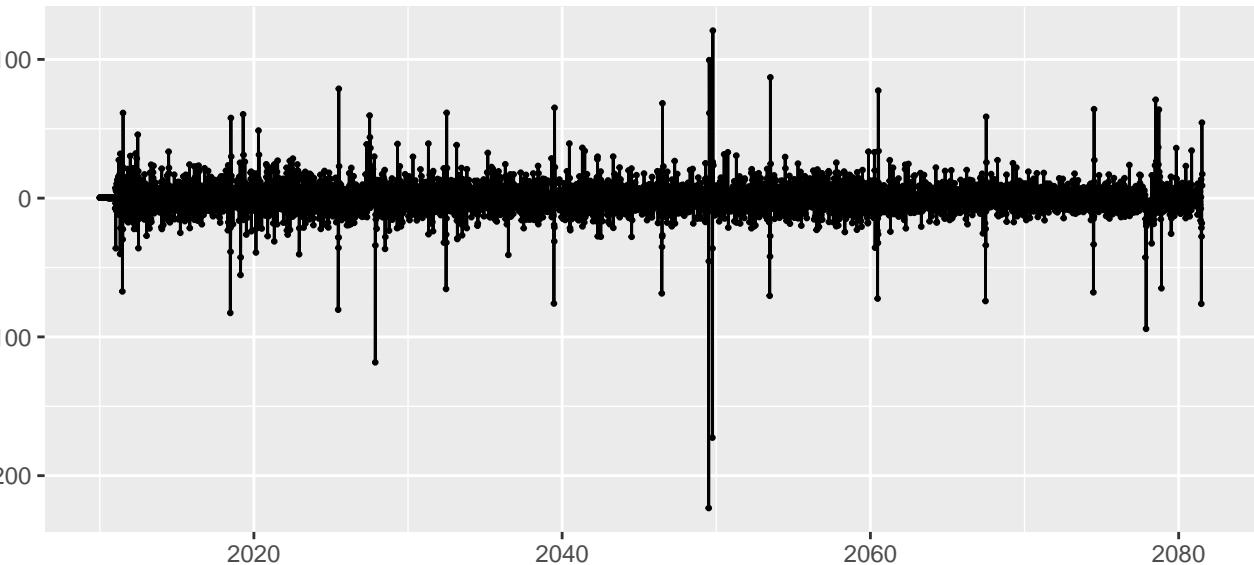
fit\$residuals



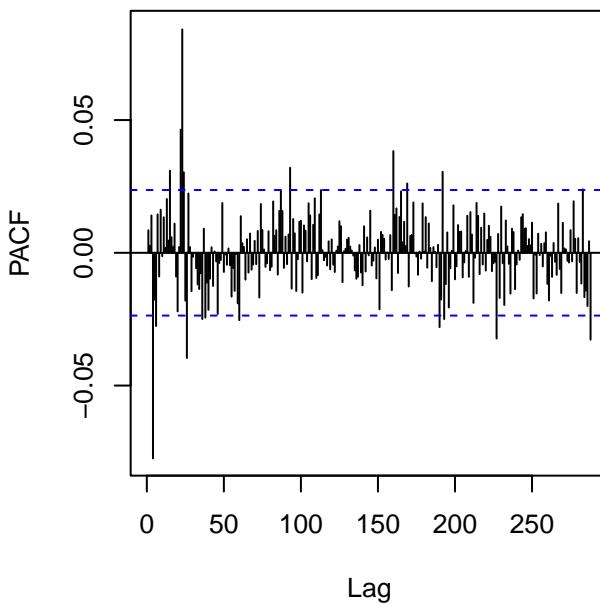
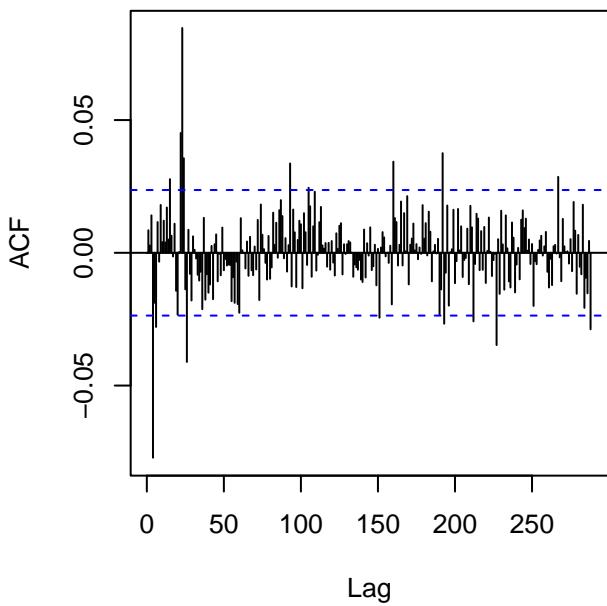
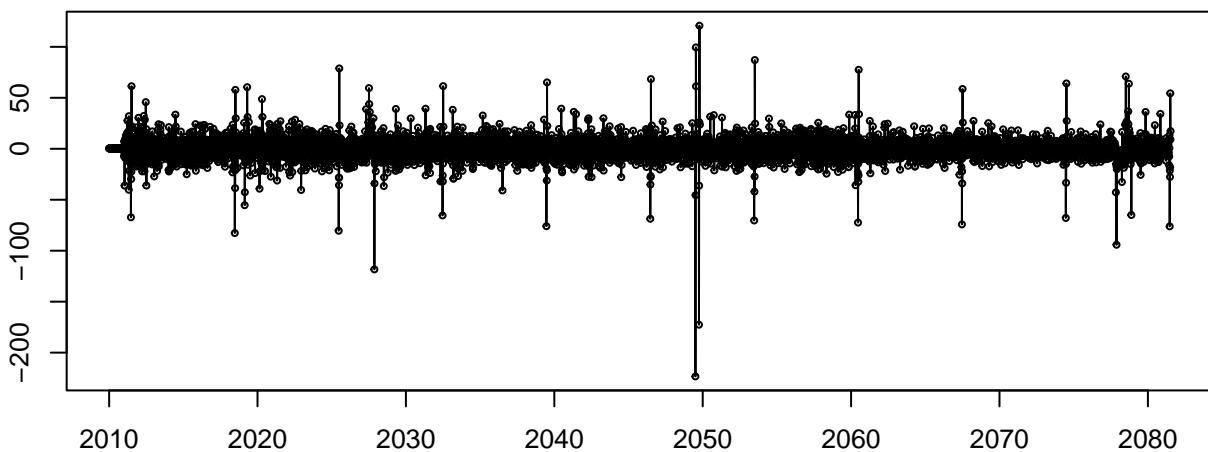
Forecasts from ARIMA(1,0,3)(1,1,1)[96]



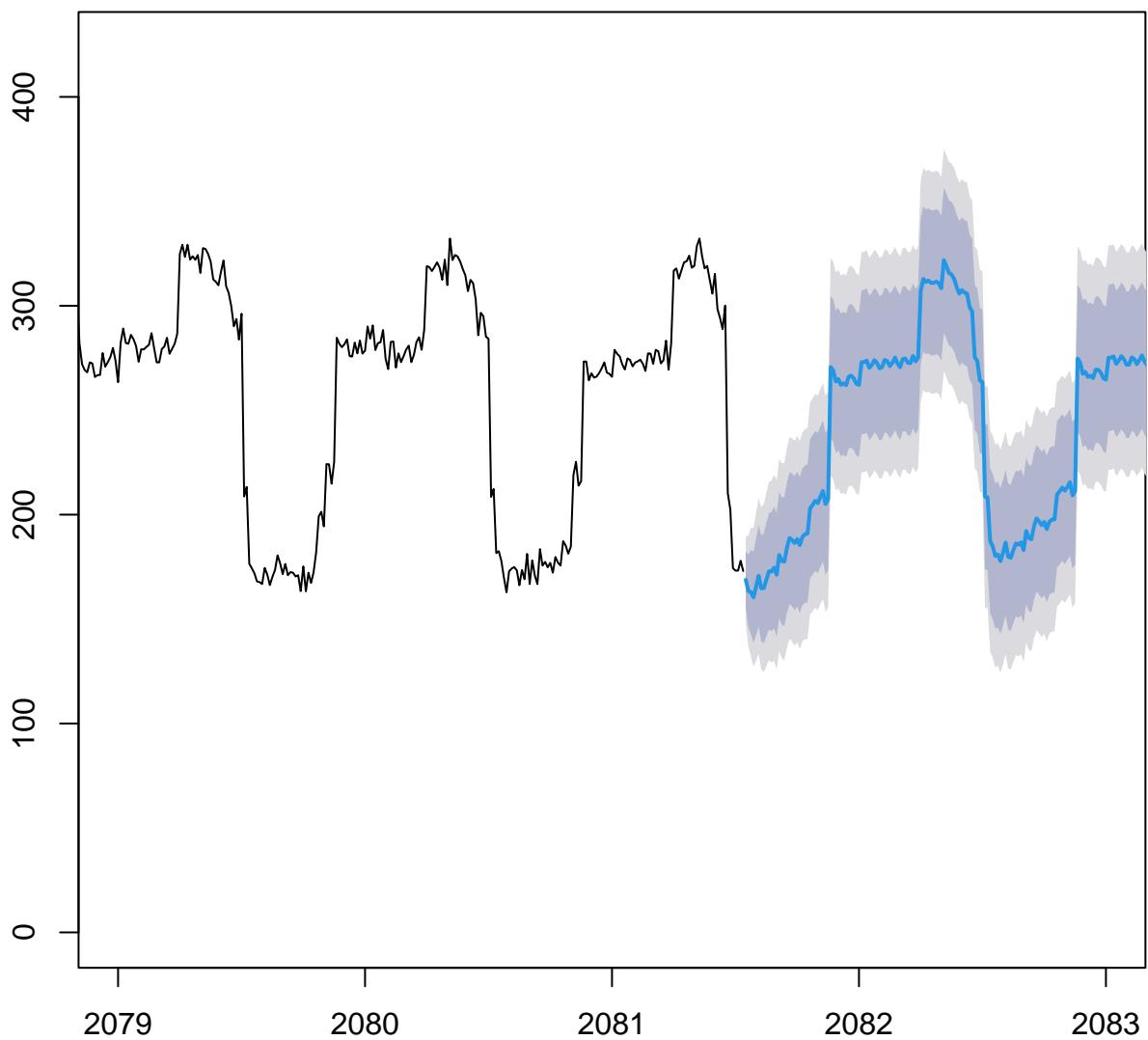
Residuals from Regression with ARIMA(1,0,3)(1,1,1)[96] errors



fit\$residuals



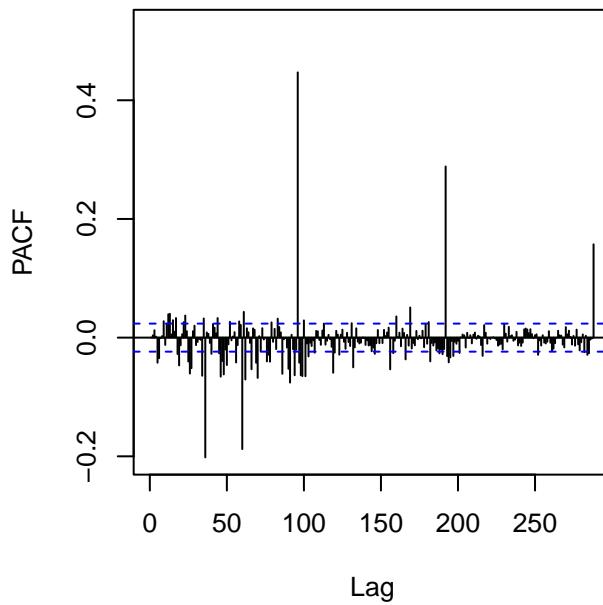
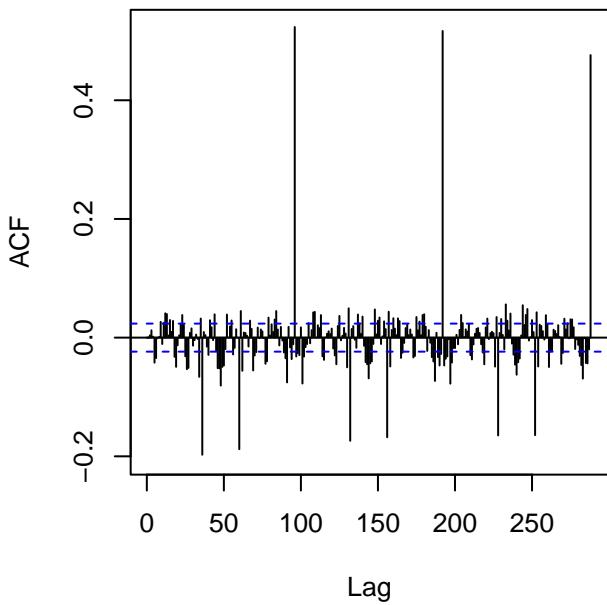
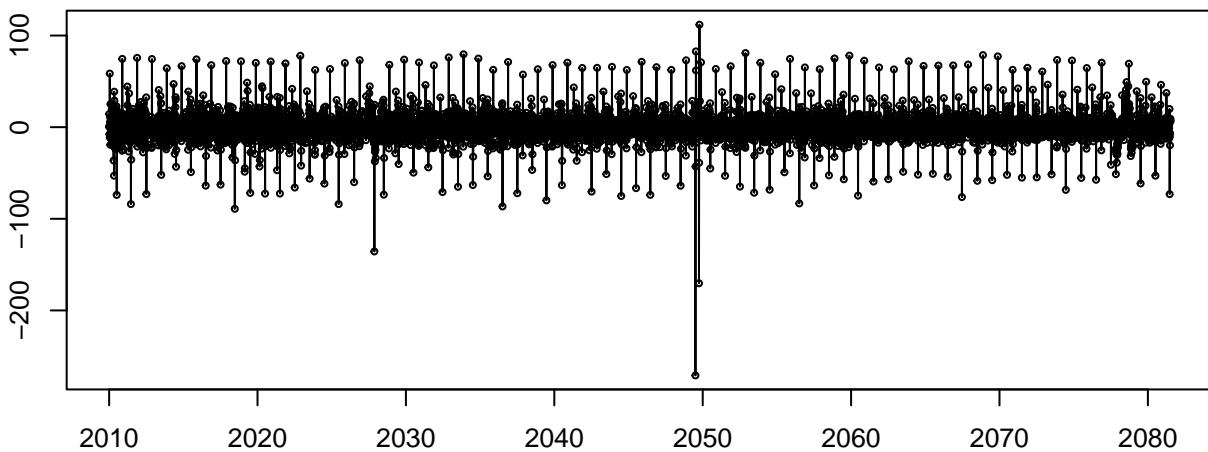
Forecasts from Regression with ARIMA(1,0,3)(1,1,1)[96] errors



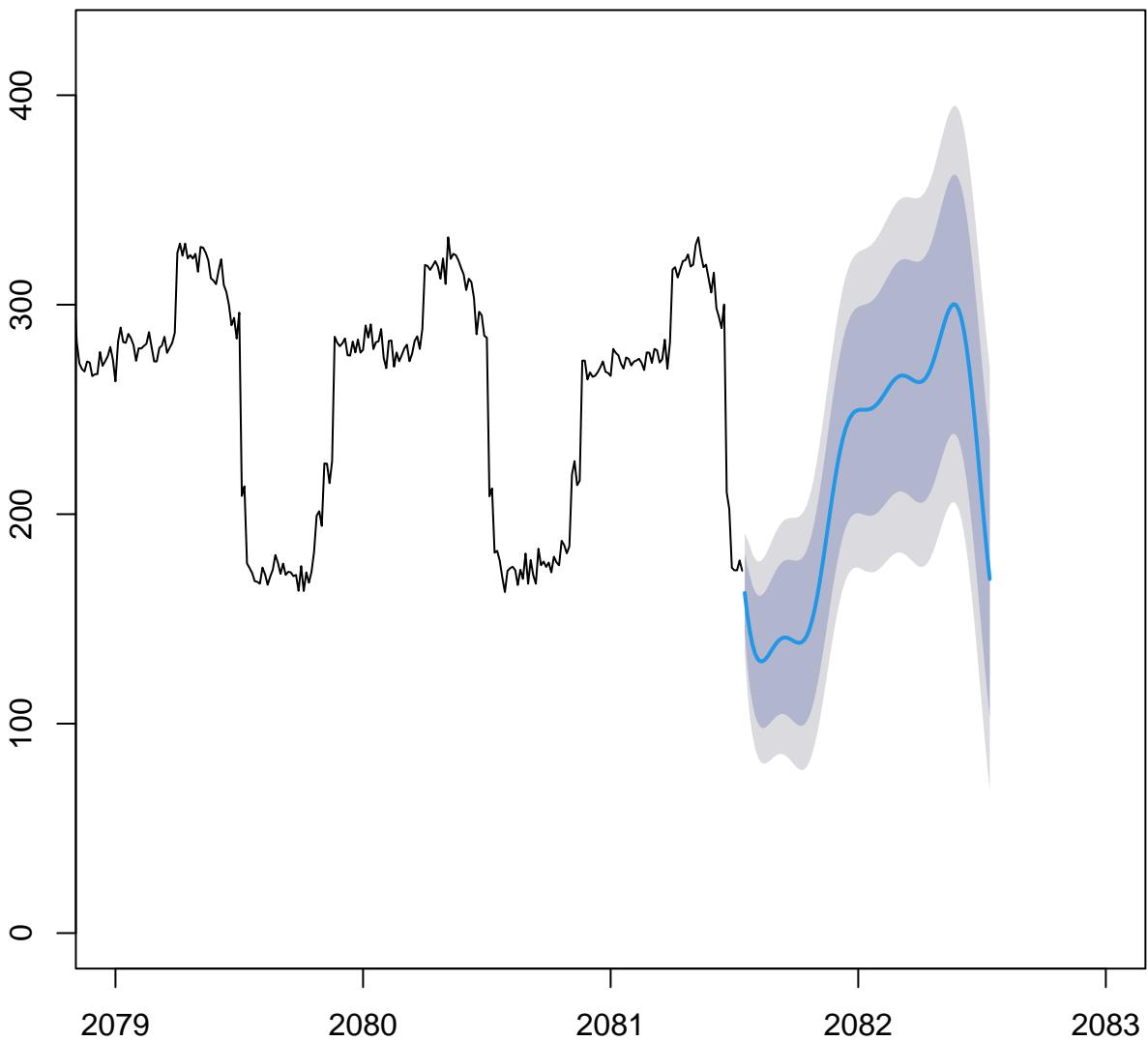
Fourier

1. Single season
2. Multi seasons

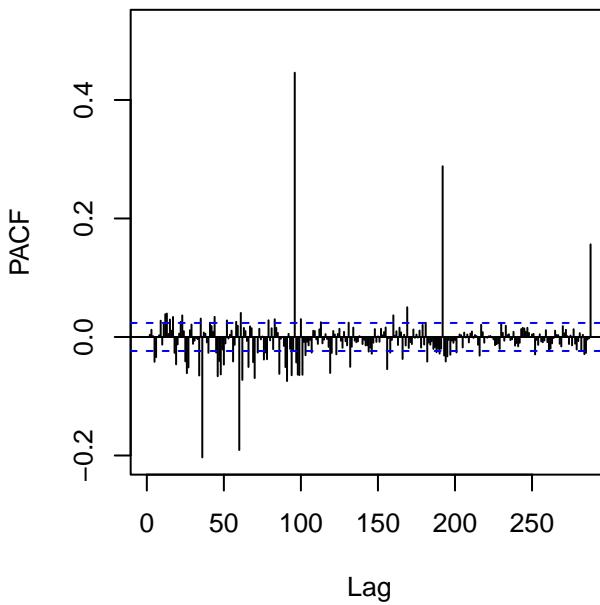
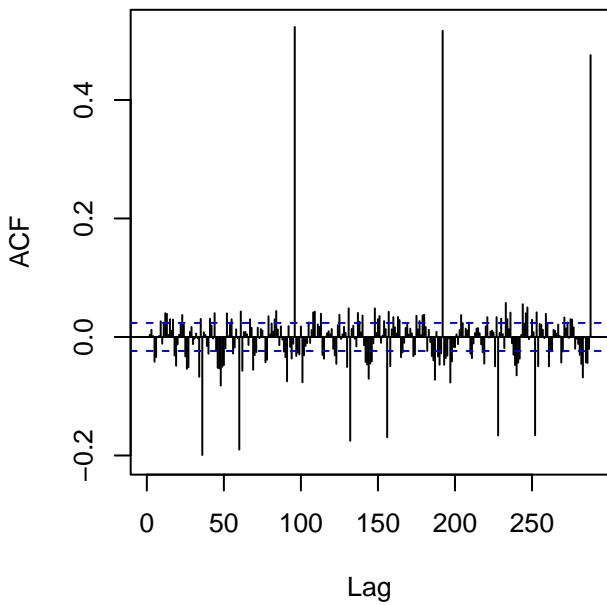
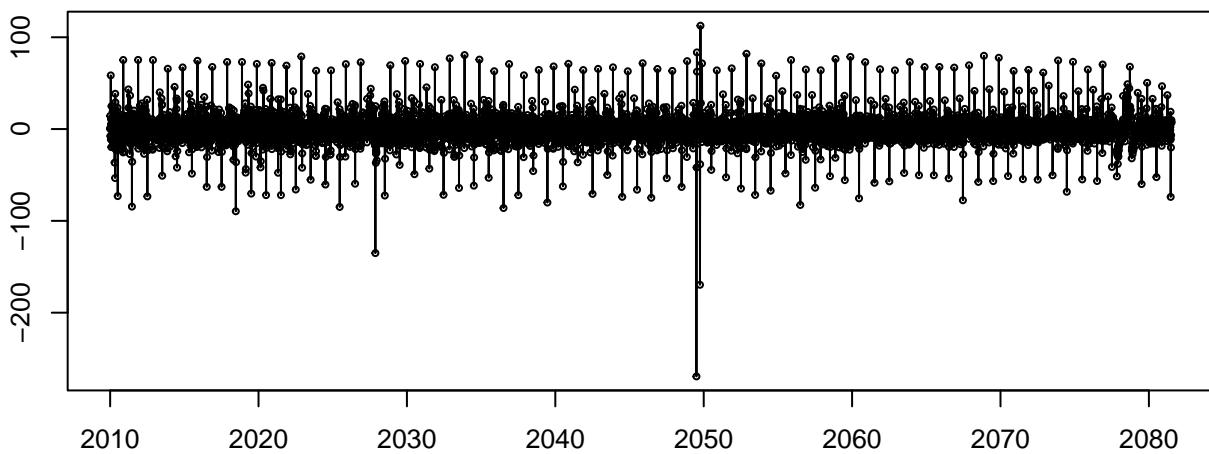
fit_fourier\$residuals



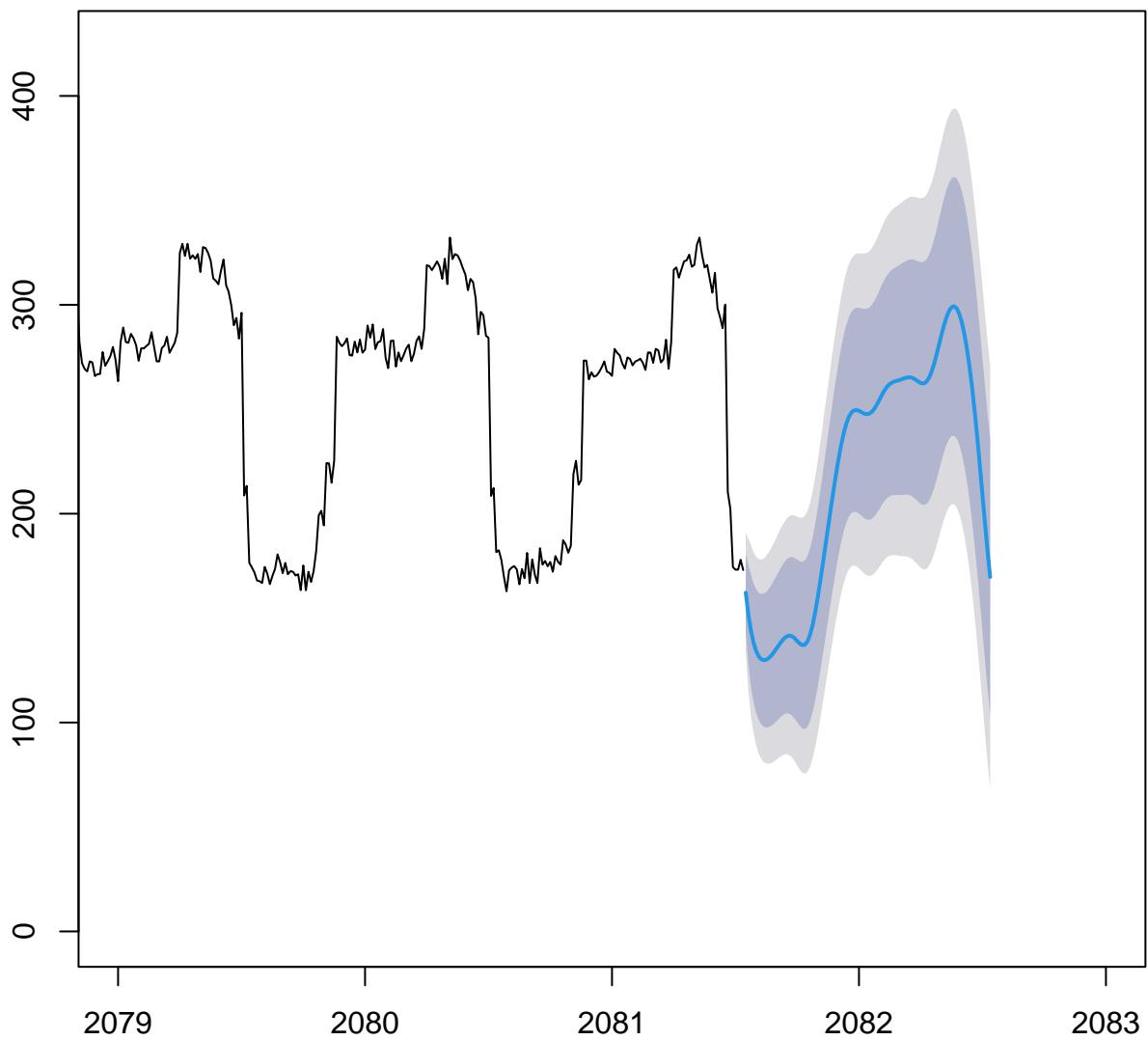
Forecasts from Regression with ARIMA(2,1,3) errors

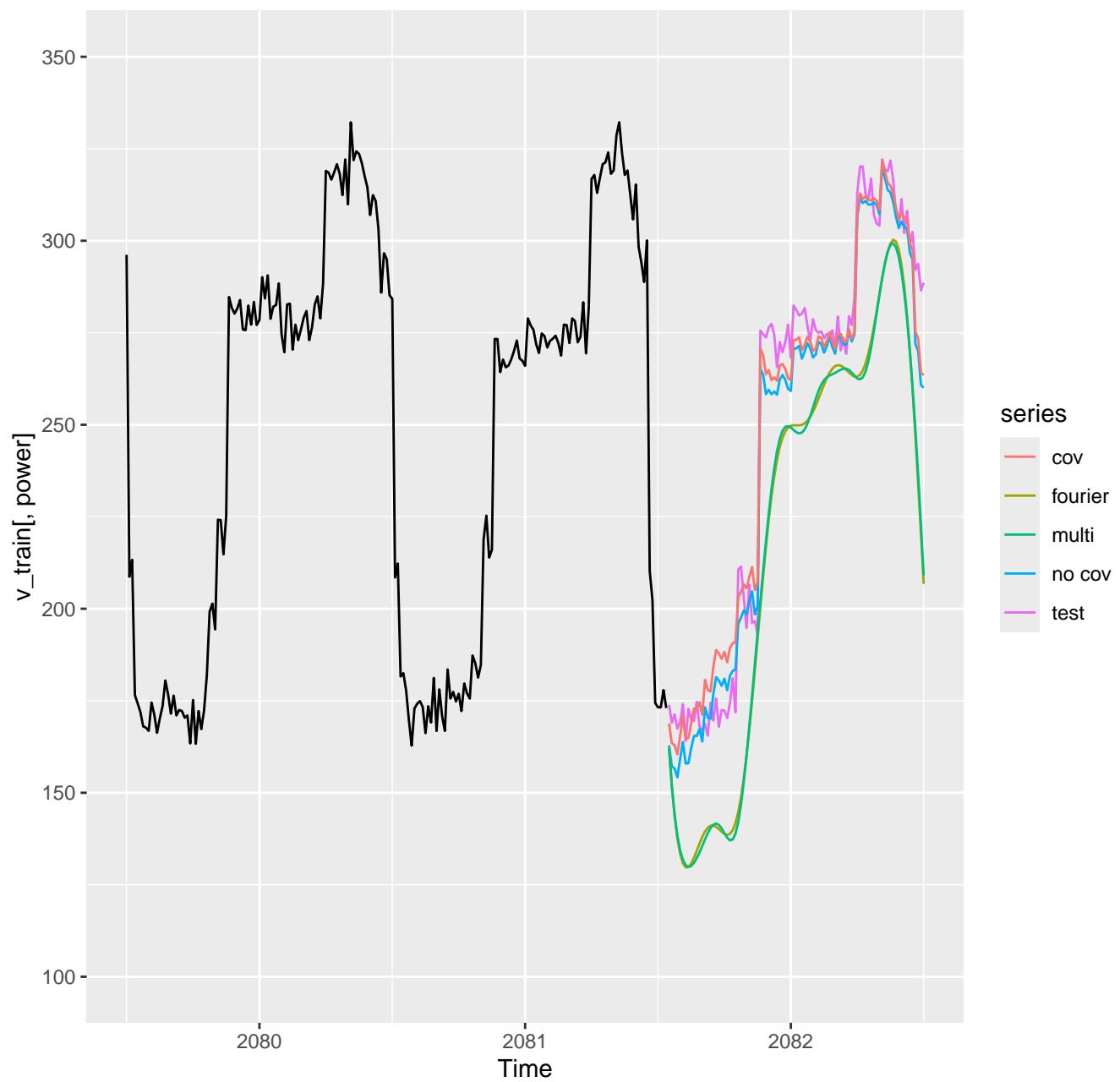


fit_msts\$residuals



Forecasts from Regression with ARIMA(2,1,3) errors

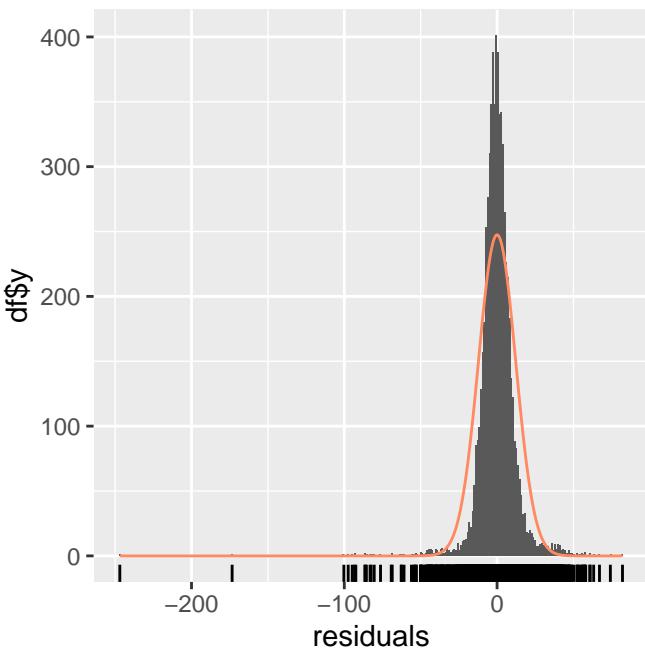
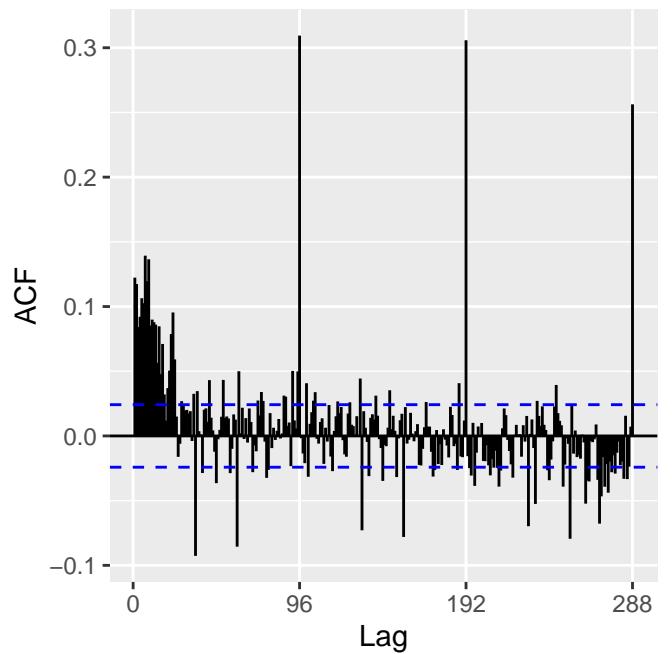
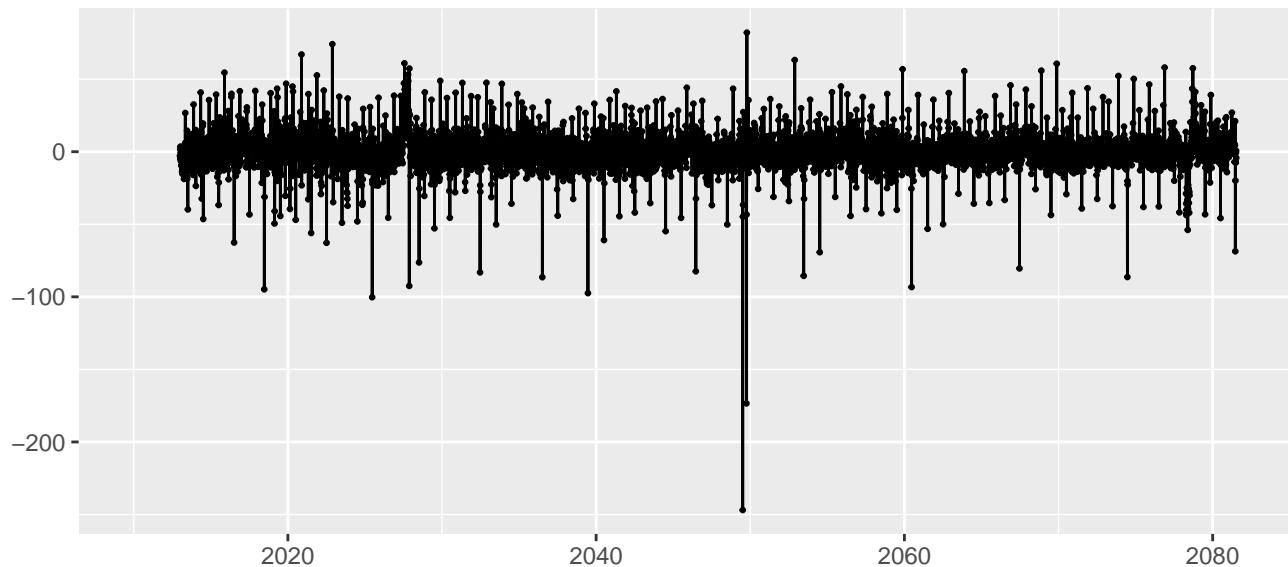




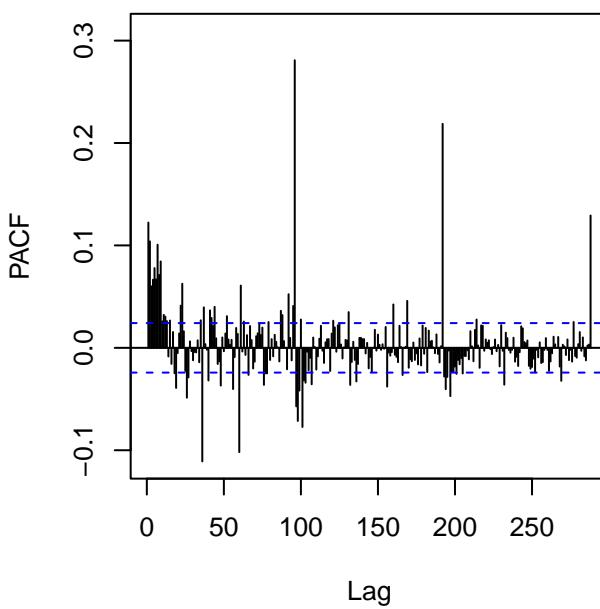
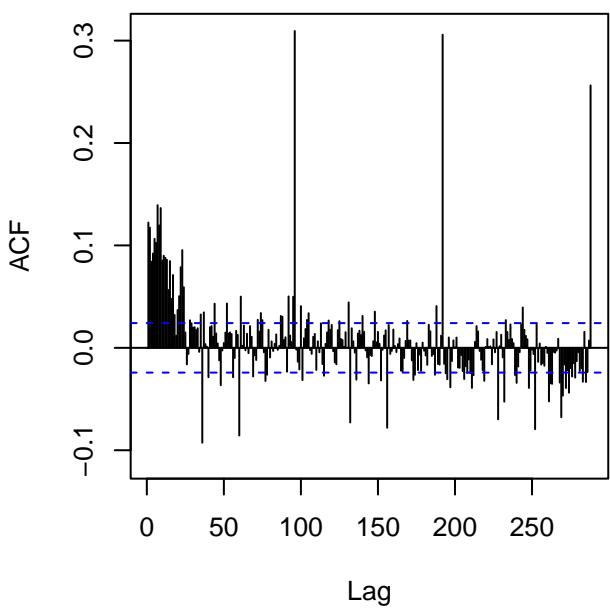
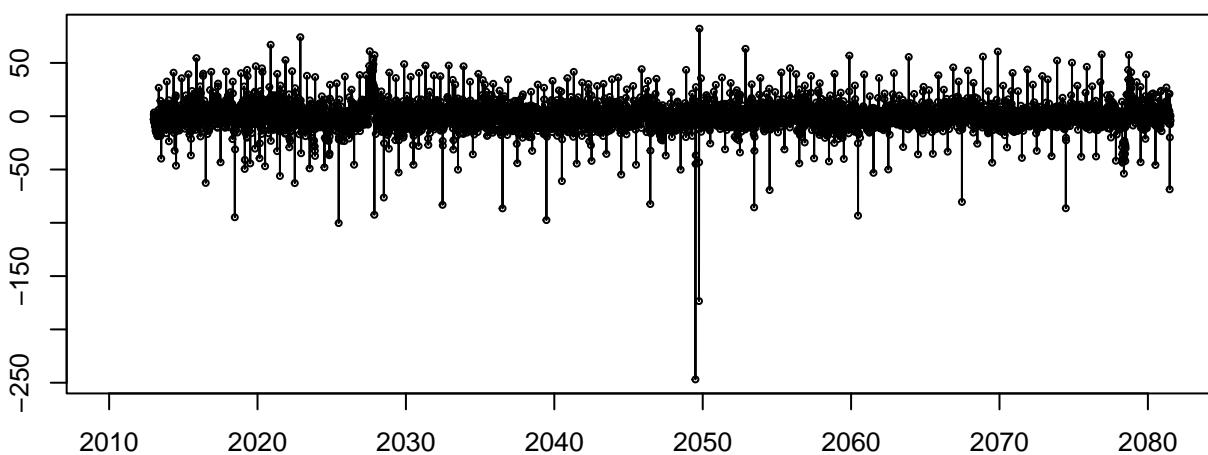
NEURAL NETWORK

1. Without covariates
2. With covariates

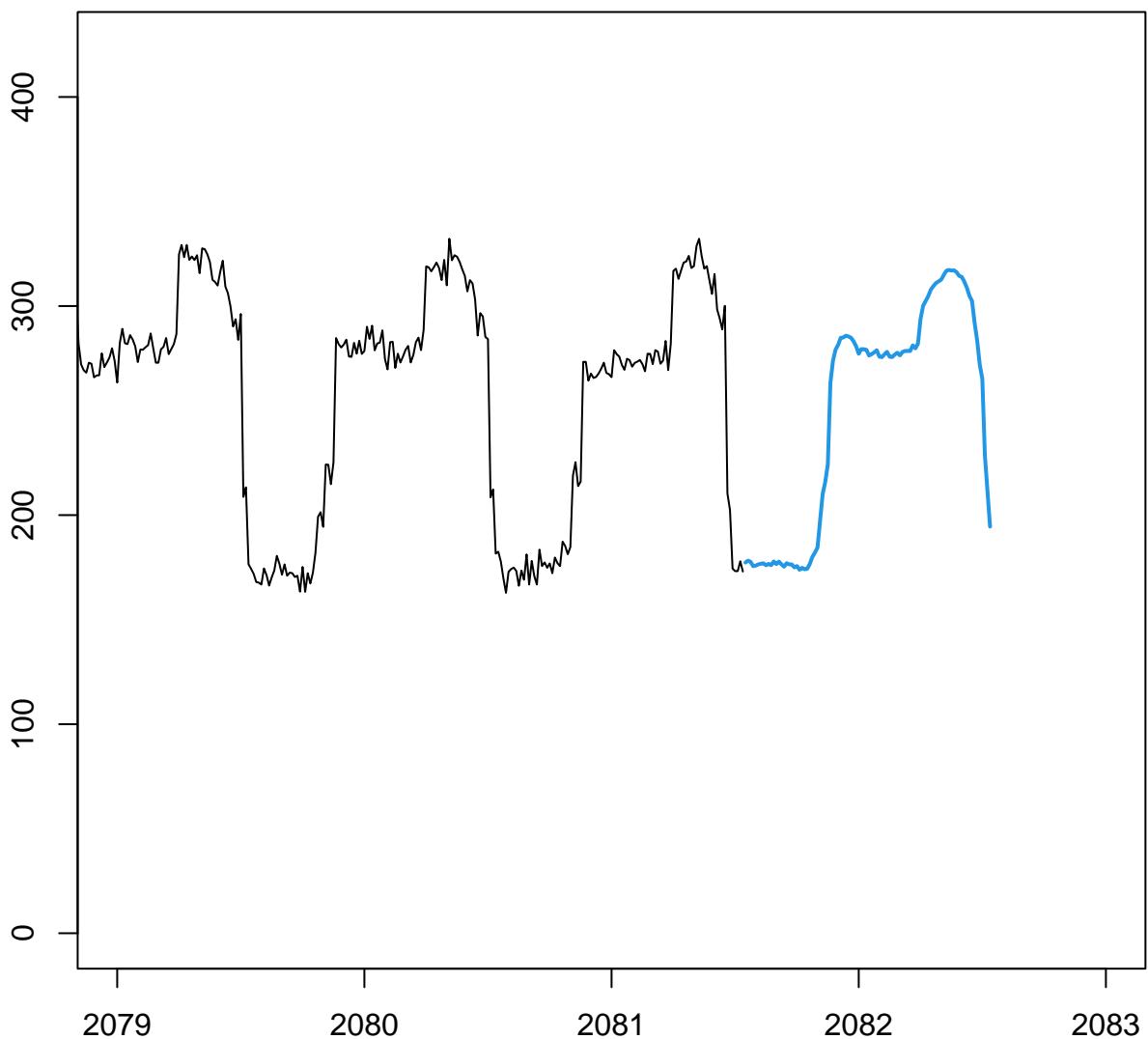
Residuals from NNAR(7,3,6)[96]



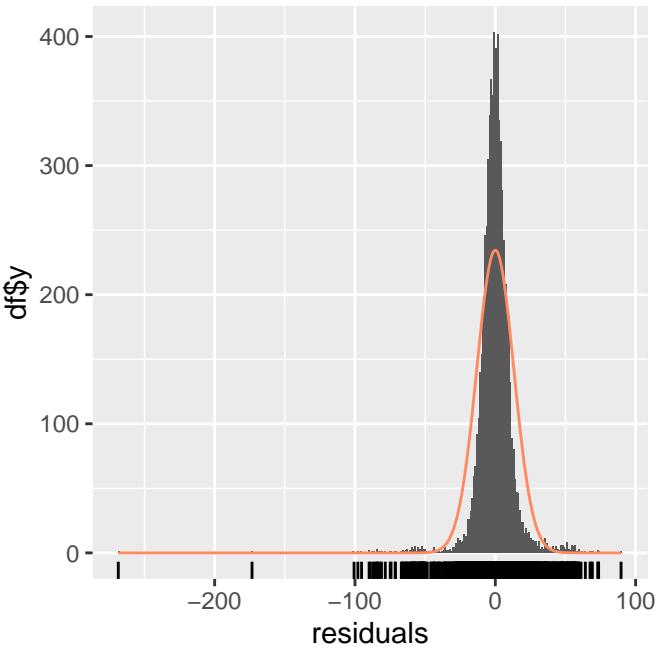
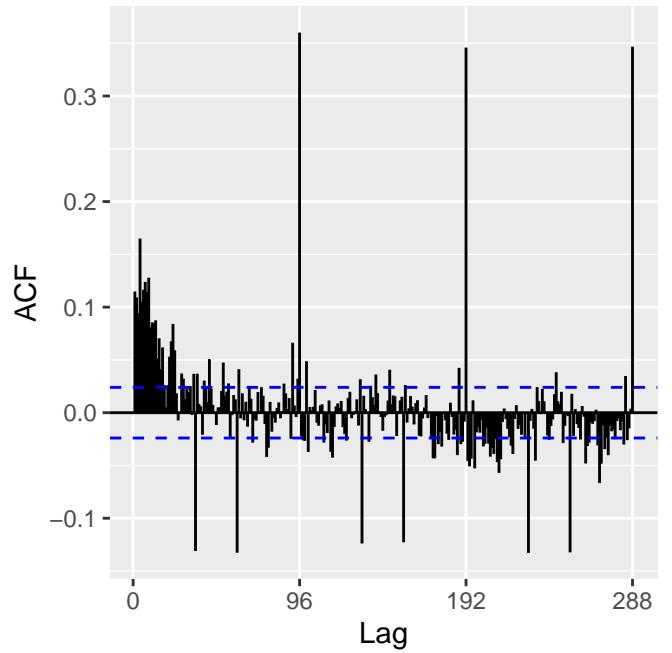
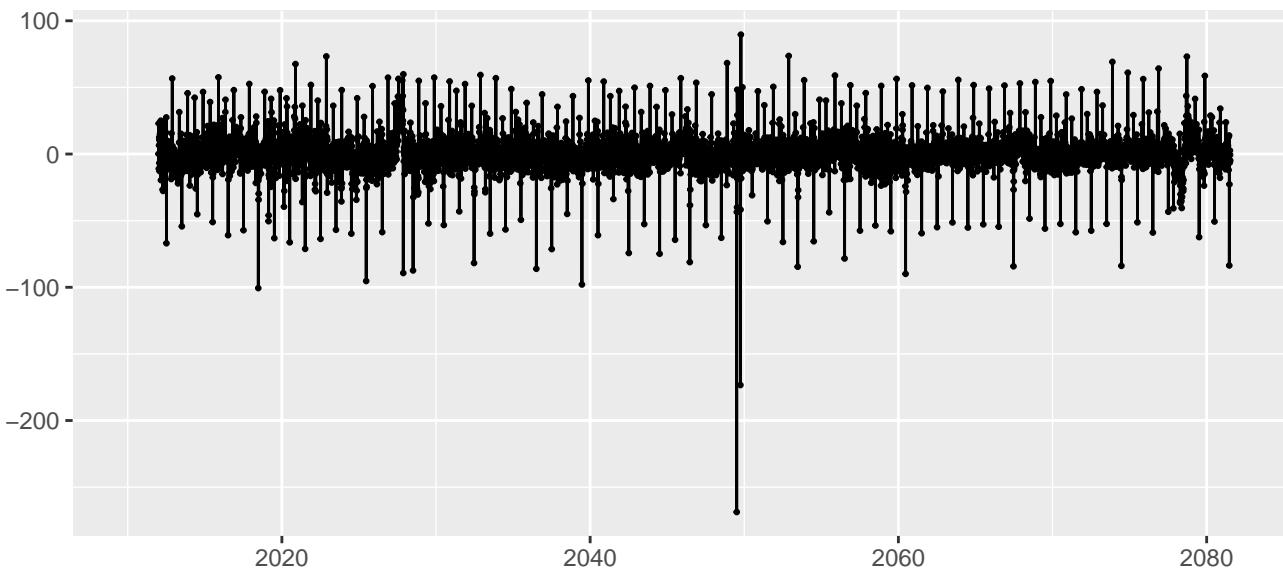
fit\$residuals



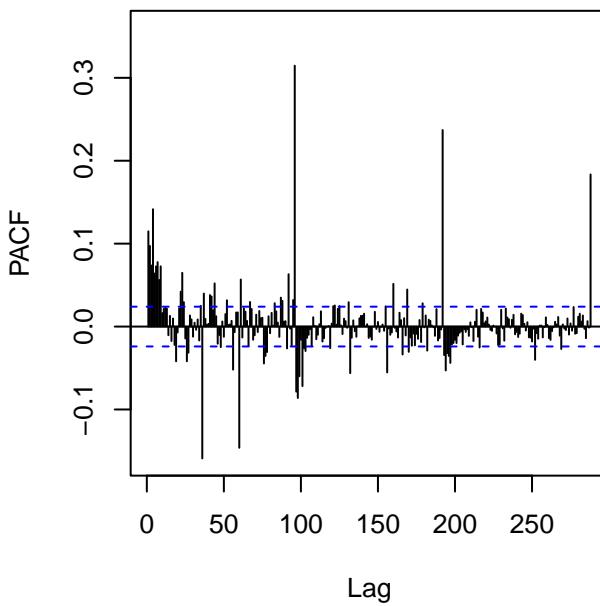
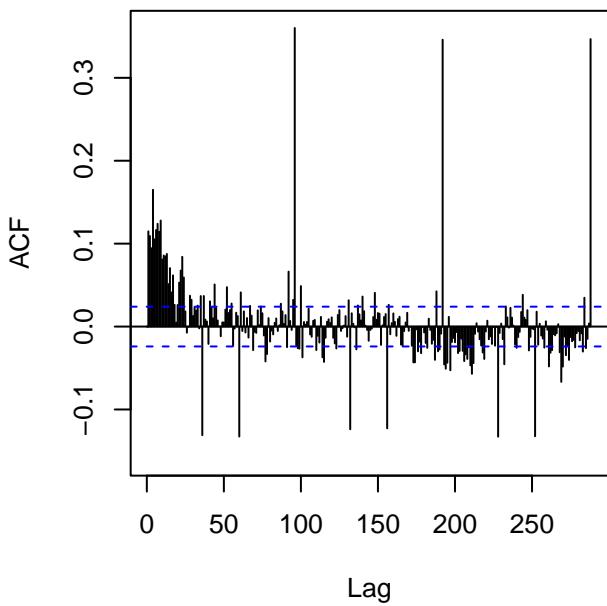
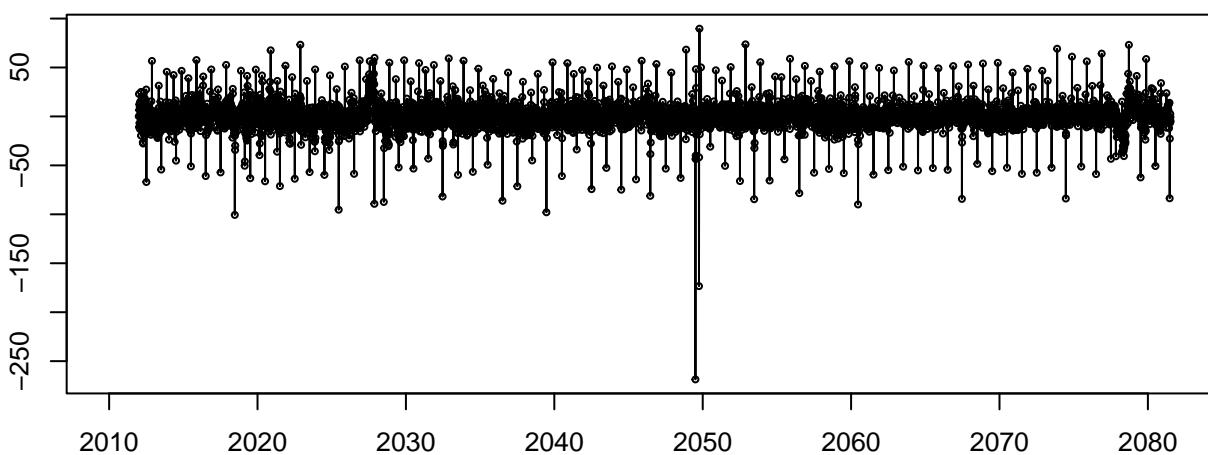
Forecasts from NNAR(7,3,6)[96]



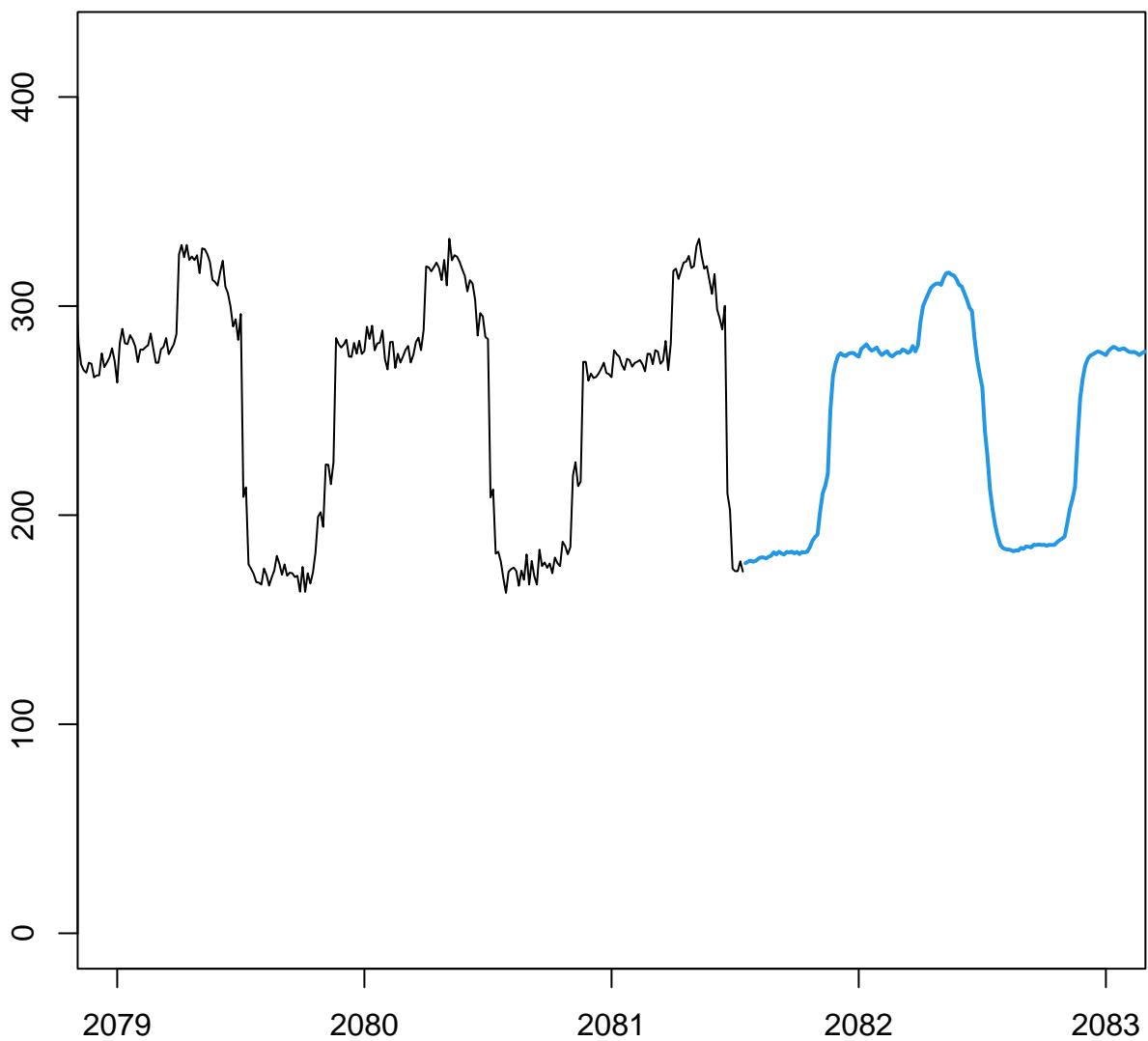
Residuals from NNAR(4,2,4)[96]



fit\$residuals



Forecasts from NNAR(4,2,4)[96]



XGBoost

