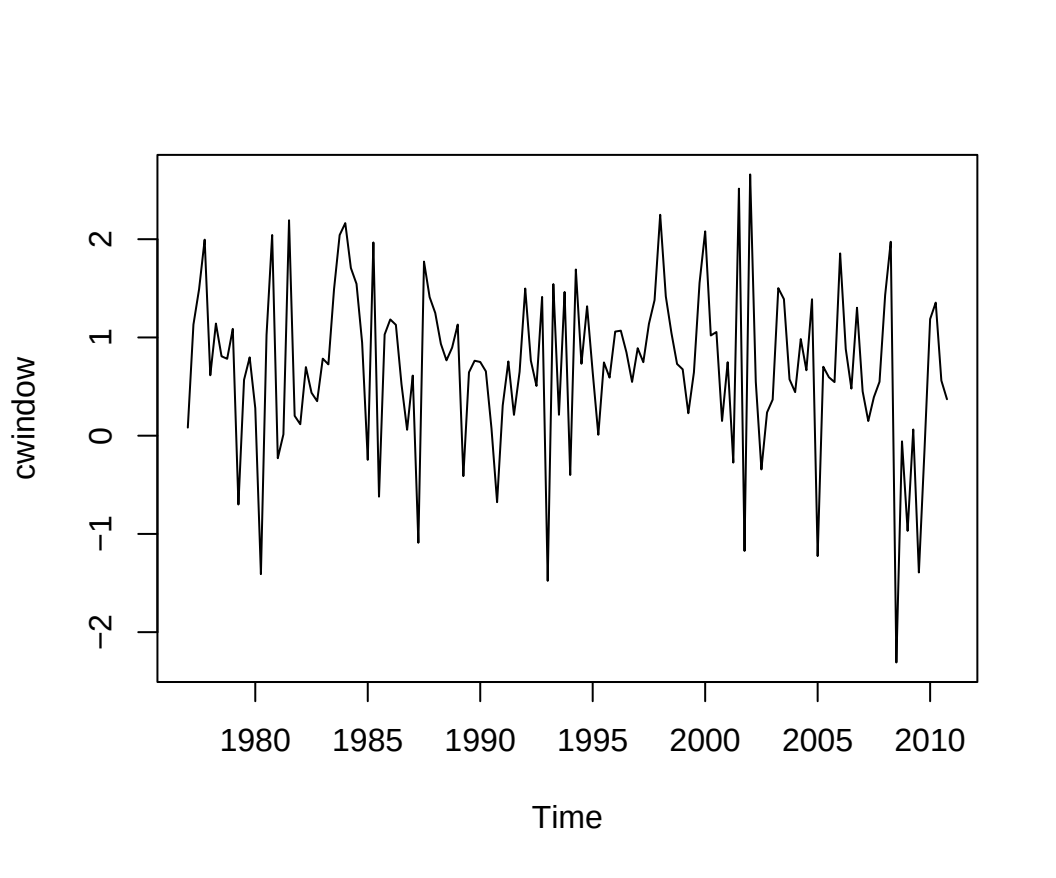
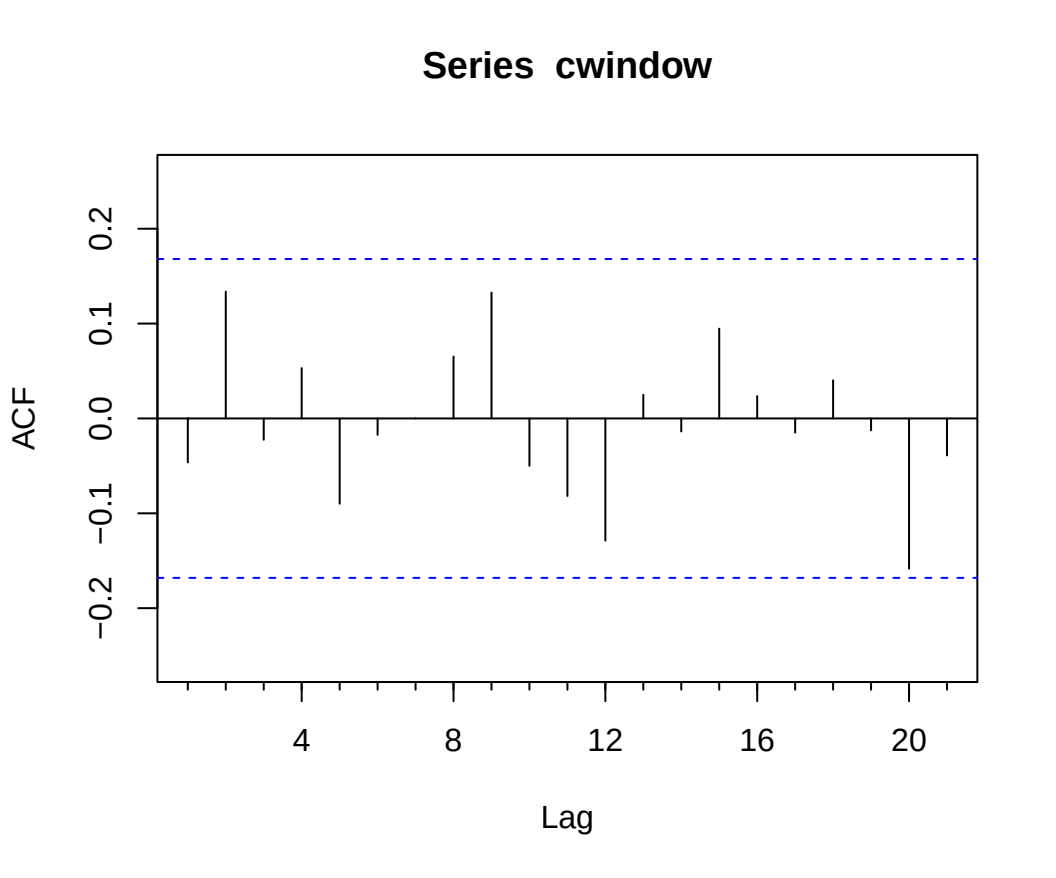
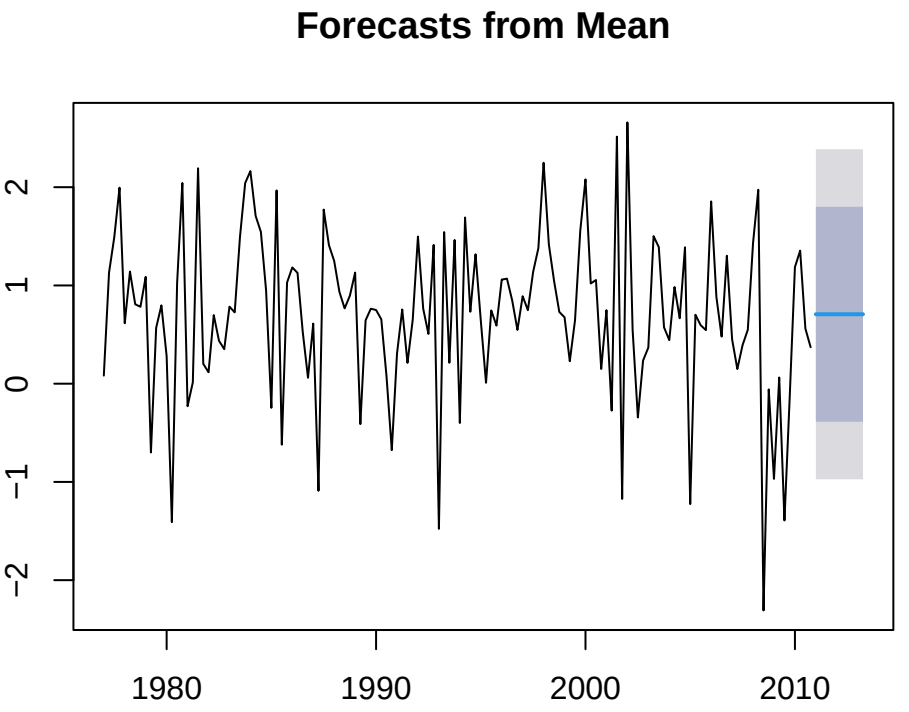
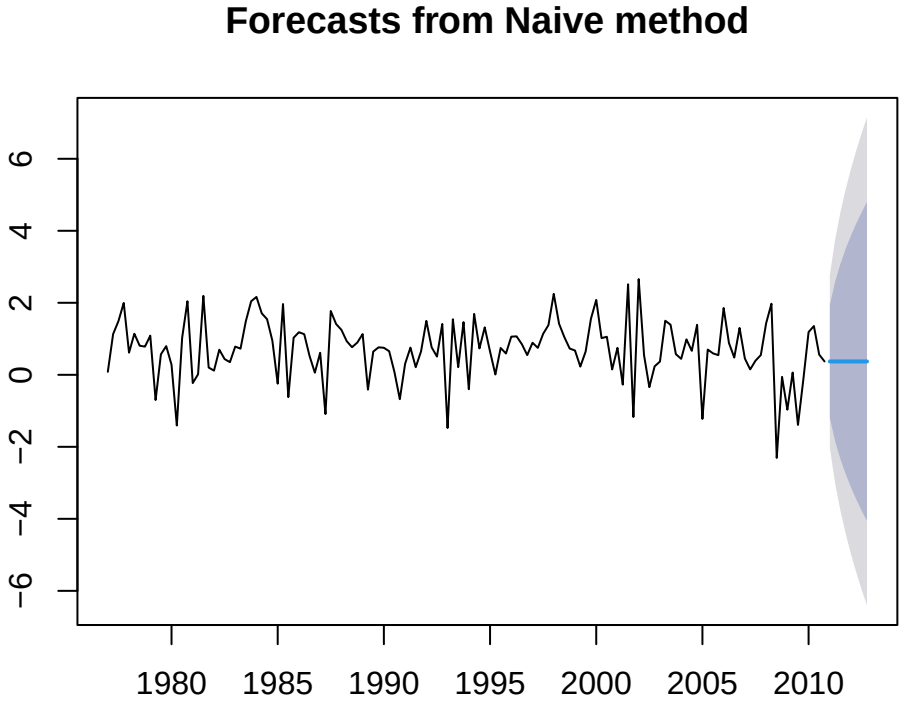
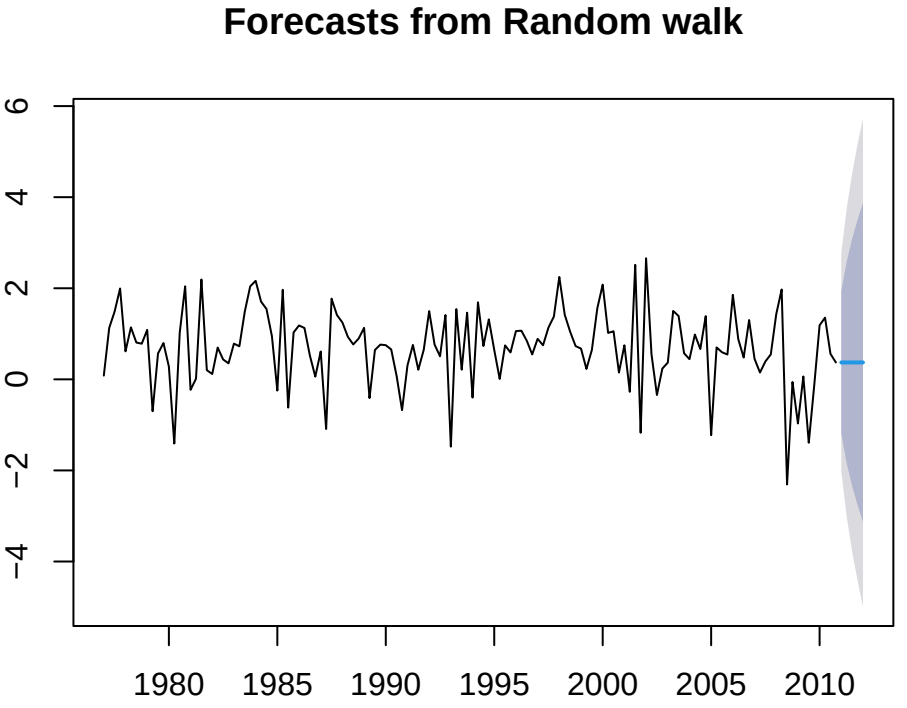
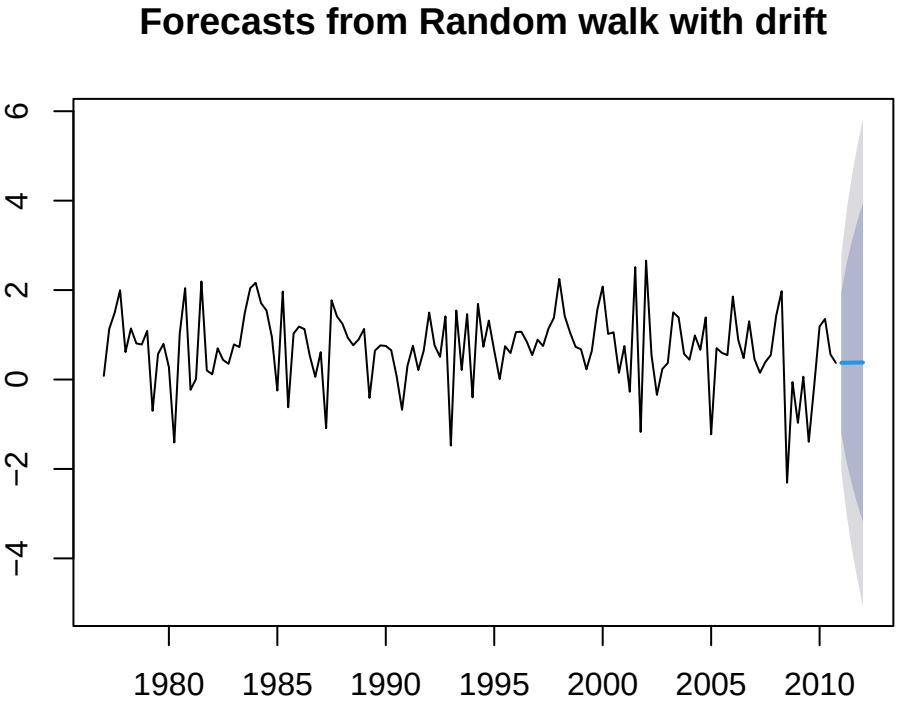

cwindow
2
1
0
−1
−2
1980
1985
1990
1995
2000
2005
2010
Time

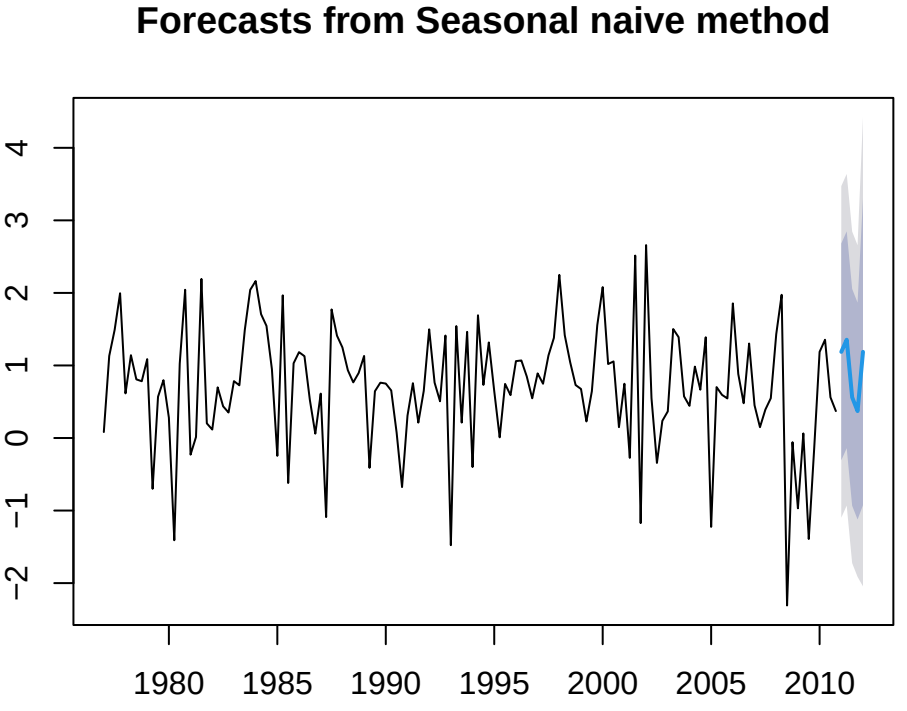

Series cwindow
ACF
0.2
0.1
0.0
−0.1
−0.2
4
8
12
16
20
Lag

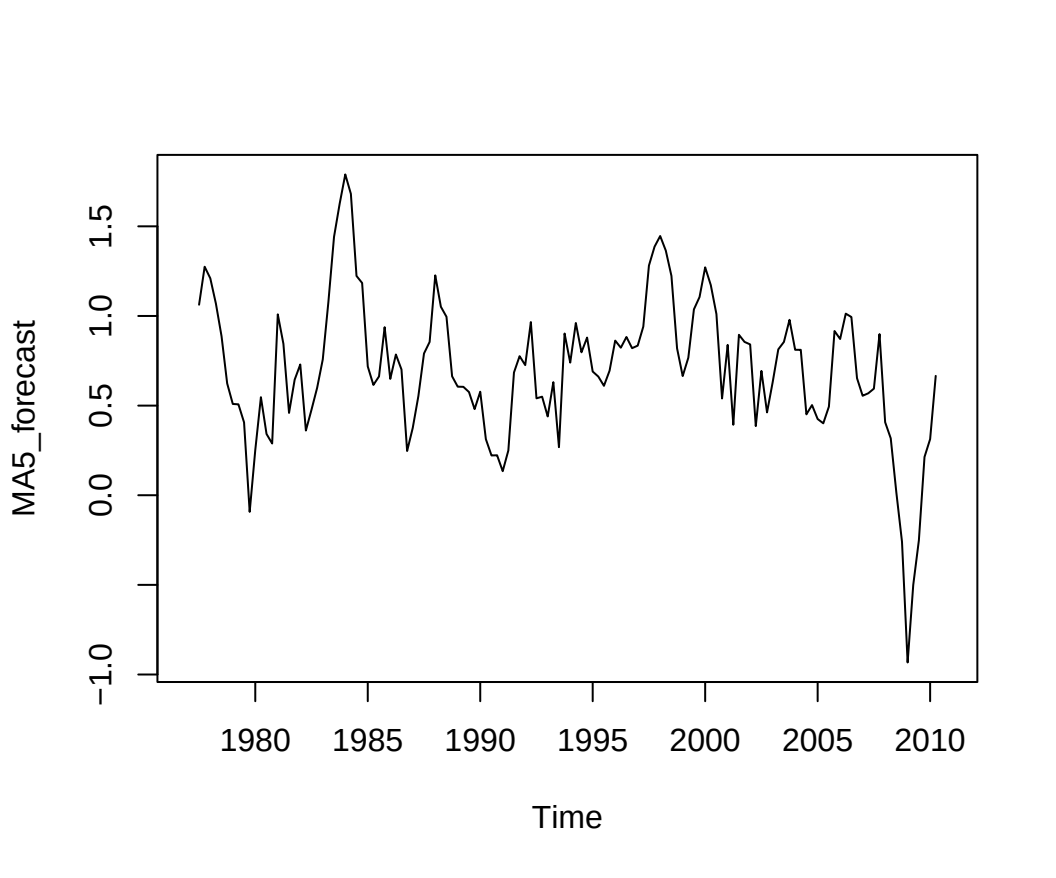

Forecasts from Mean
2
1
0
−1
−2
1980
1990
2000
2010


Forecasts from Naive method
6
4
2
0
−2
−4
−6
1980
1985
1990
1995
2000
2005
2010

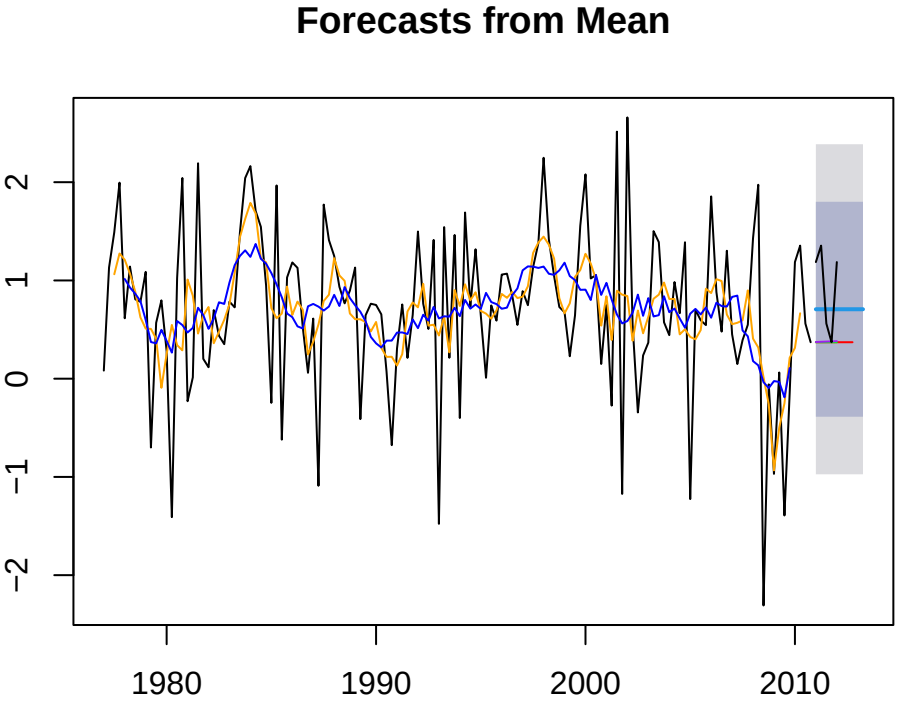

Forecasts from Random walk
6
4
2
0
−2
−4
1980
1985
1990
1995
2000
2005
2010

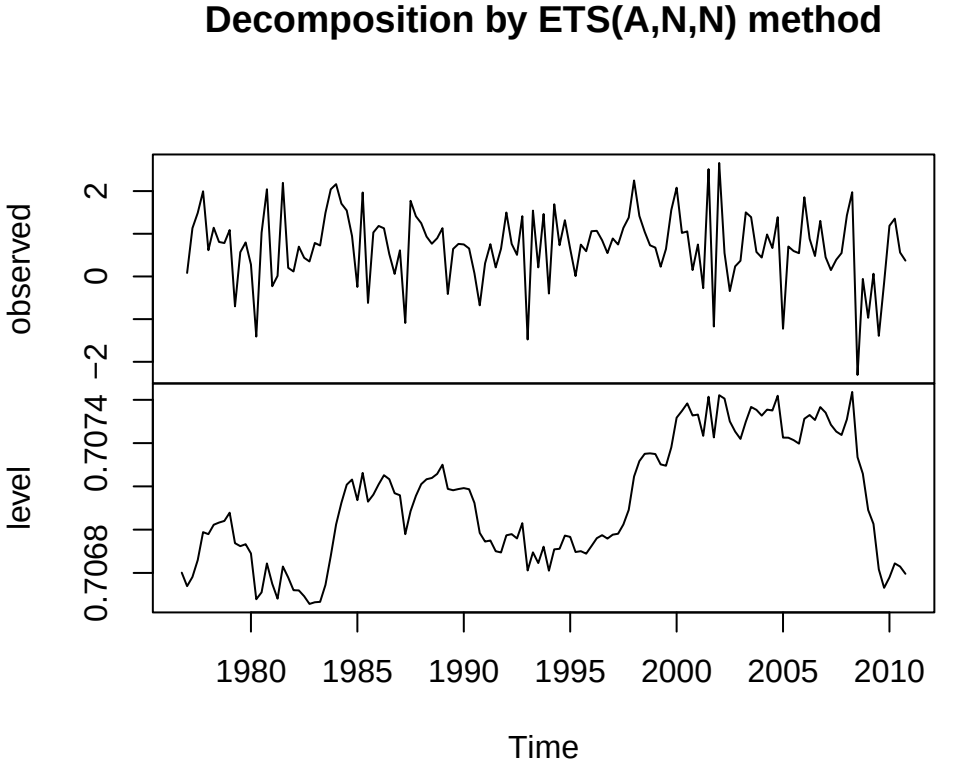

Forecasts from Random walk with drift
6
4
2
0
−2
−4
1980
1985
1990
1995
2000
2005
2010

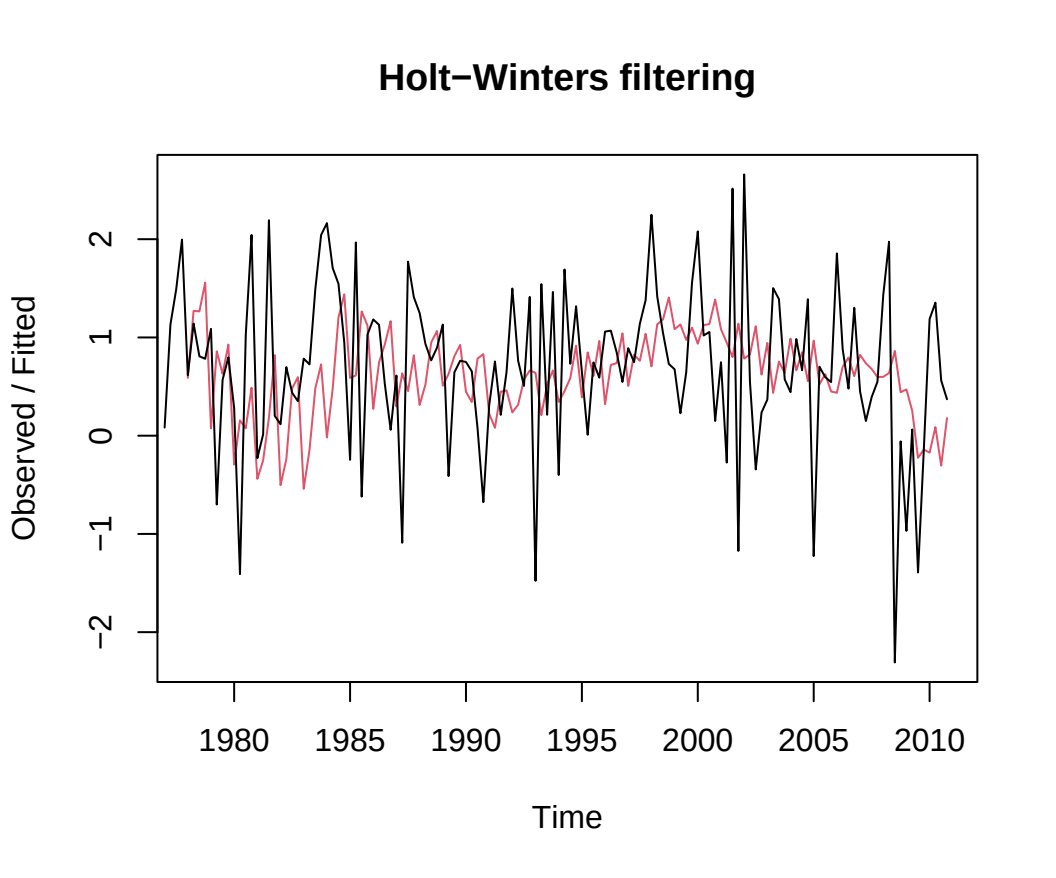

Forecasts from Seasonal naive method
4
3
2
1
0
−1
−2
1980
1985
1990
1995
2000
2005
2010

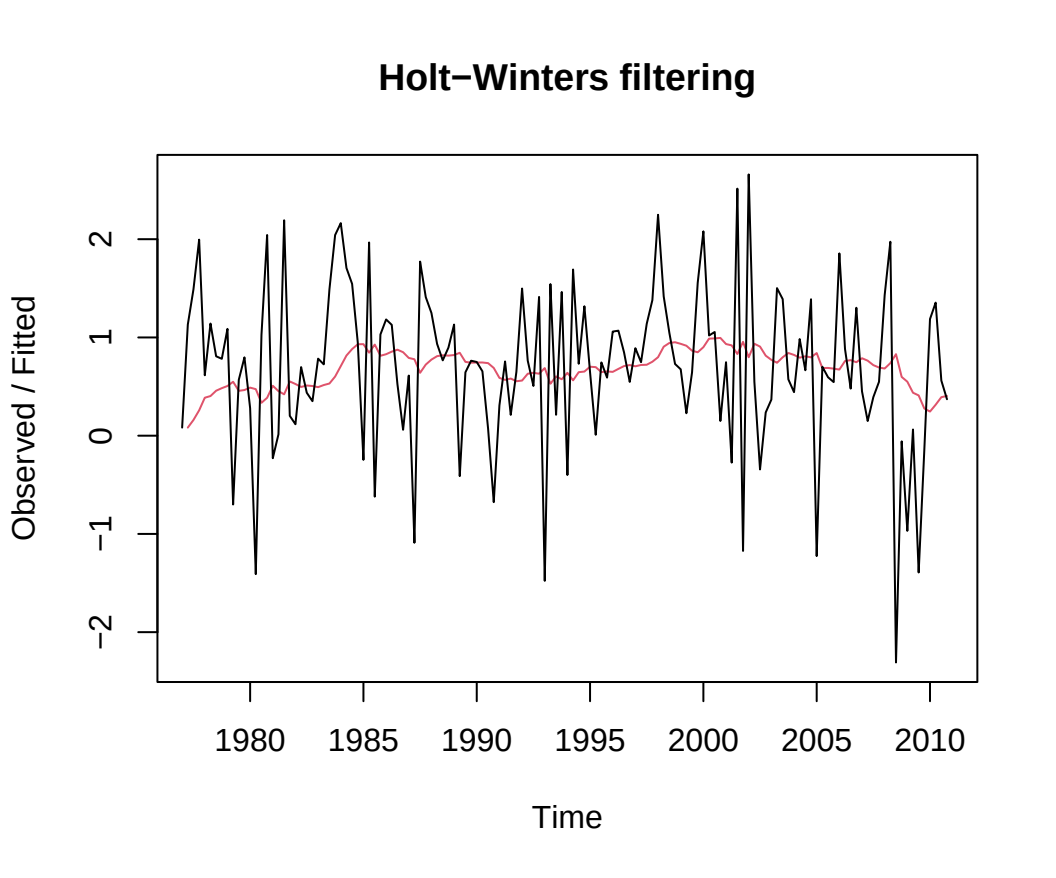

MA5_forecast
−1.0
0.0
0.5
1.0
1.5
1980
1985
1990
1995
2000
2005
2010
Time

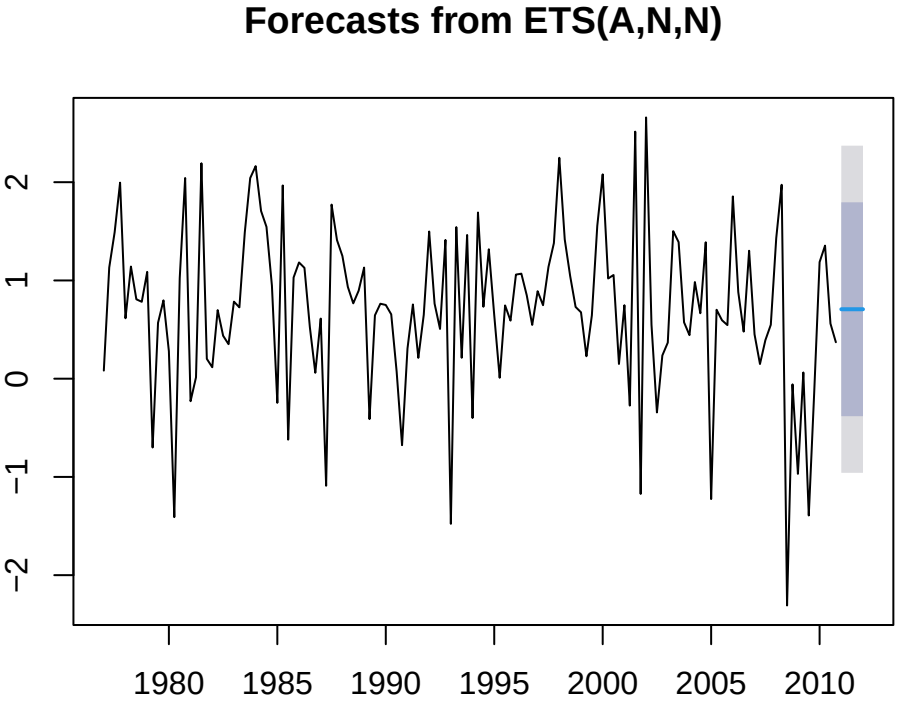
MA9_forecast
0.0
0.5
1.0
1980
1985
1990
1995
2000
2005
2010
Time


Forecasts from Mean
2
1
0
−1
−2
1980
1990
2000
2010


Decomposition by ETS(A,N,N) method
observed
level
2
0
−2
0.7074
0.7068
1980
1985
1990
1995
2000
2005
2010
Time


Holt−Winters filtering
Observed / Fitted
2
1
0
−1
−2
1980
1985
1990
1995
2000
2005
2010
Time


Holt−Winters filtering
Observed / Fitted
2
1
0
−1
−2
1980
1985
1990
1995
2000
2005
2010
Time


Forecasts from ETS(A,N,N)
2
1
0
−1
−2
1980
1985
1990
1995
2000
2005
2010