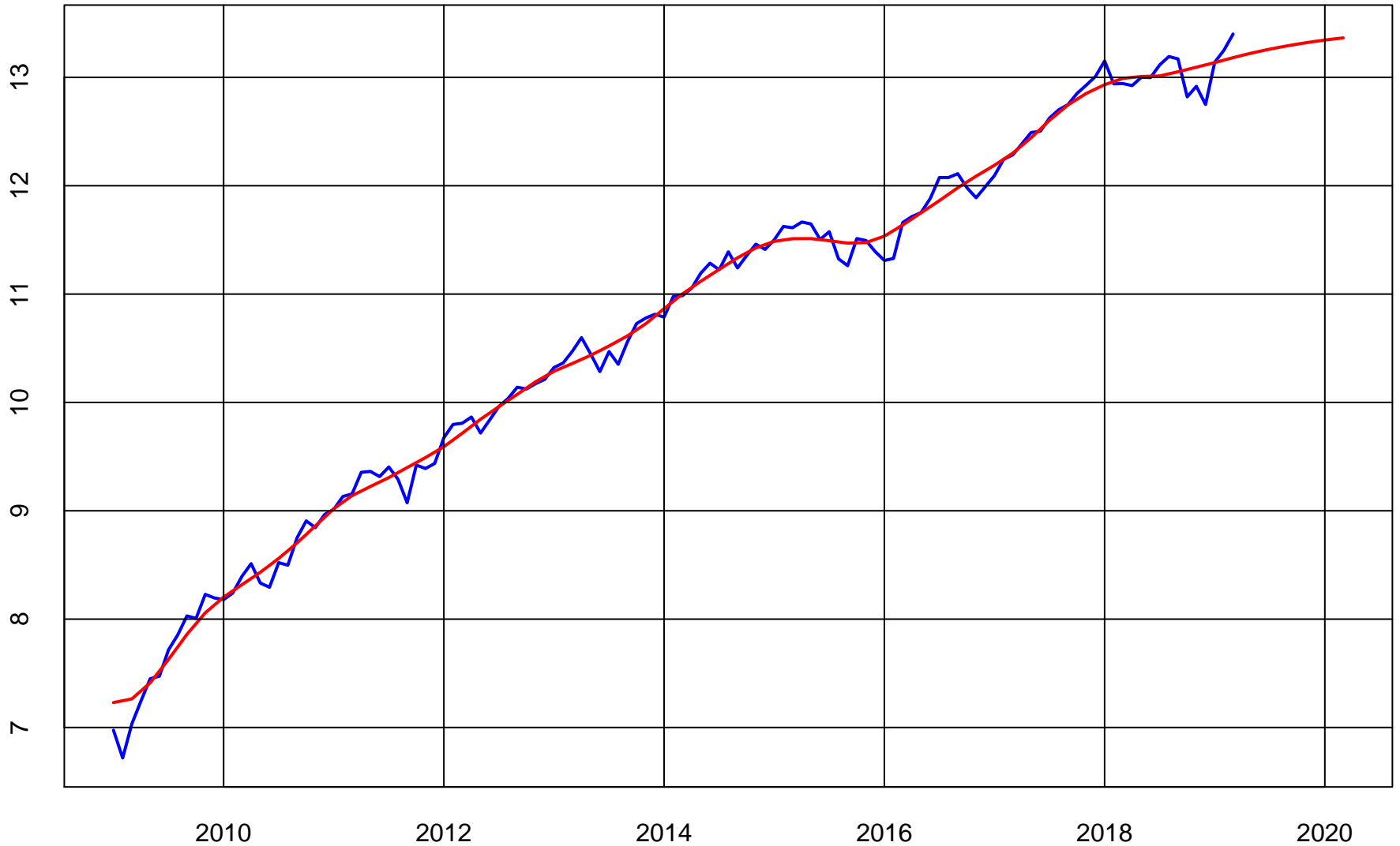


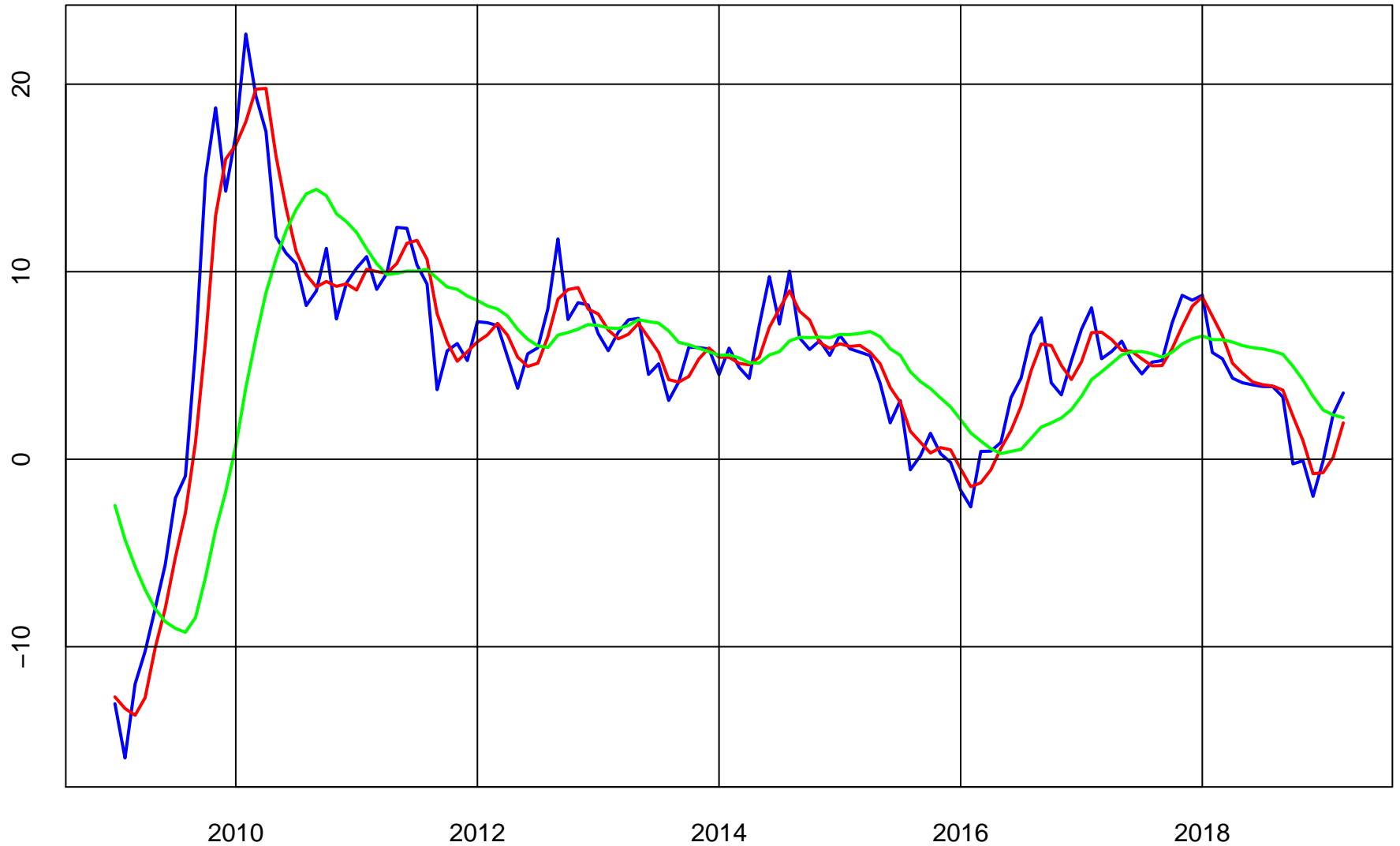
VANGUARD RETIREMENT FUND (VTINX) ADJUSTED PRICE



Series (Blue)

Trend & Simple Forecast (Red)

VANGUARD RETIREMENT RATE-OF-CHANGE CURVES



ROC112 (Blue)

ROC312 (Red)

ROC1212 (Green)