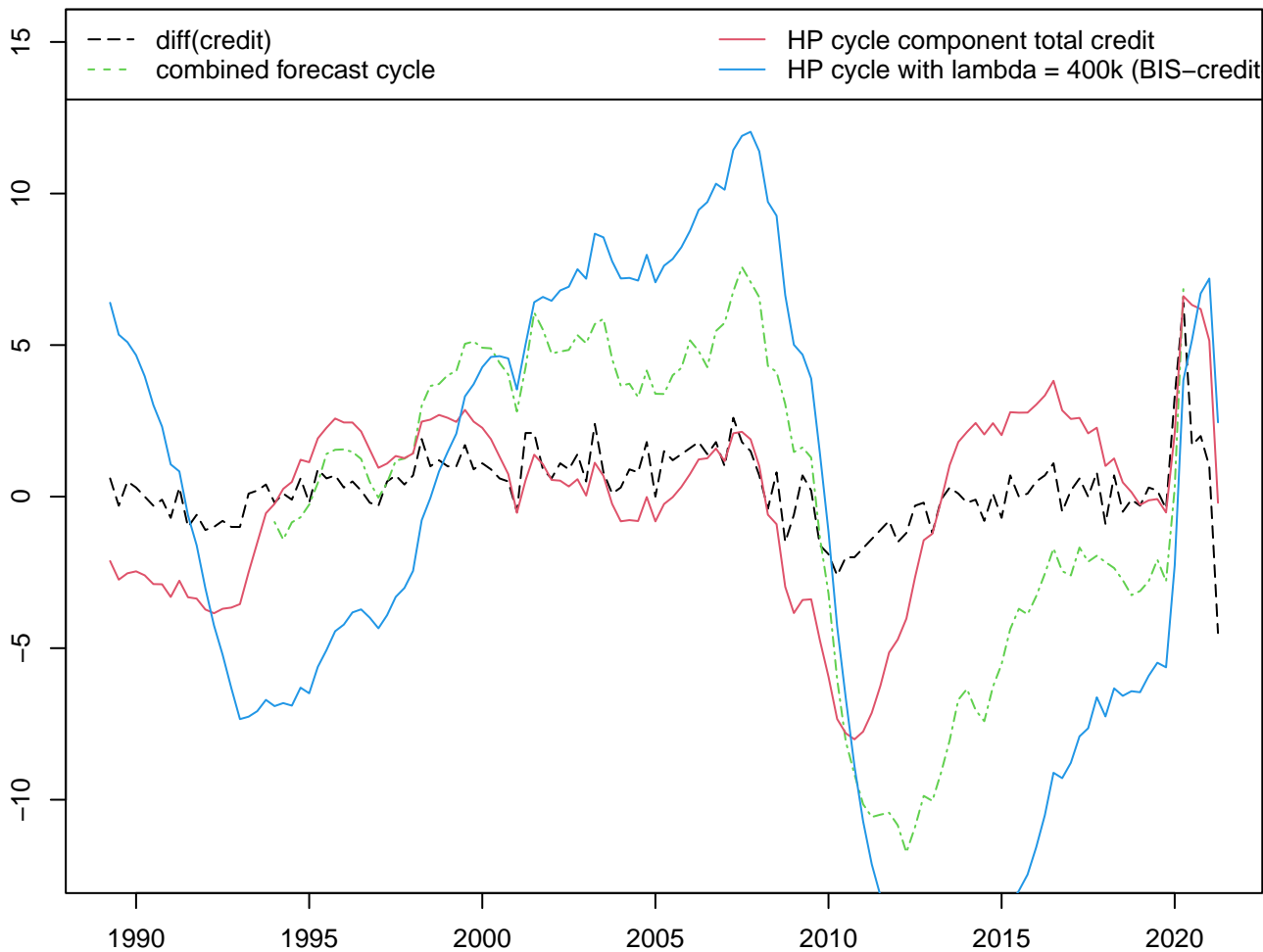
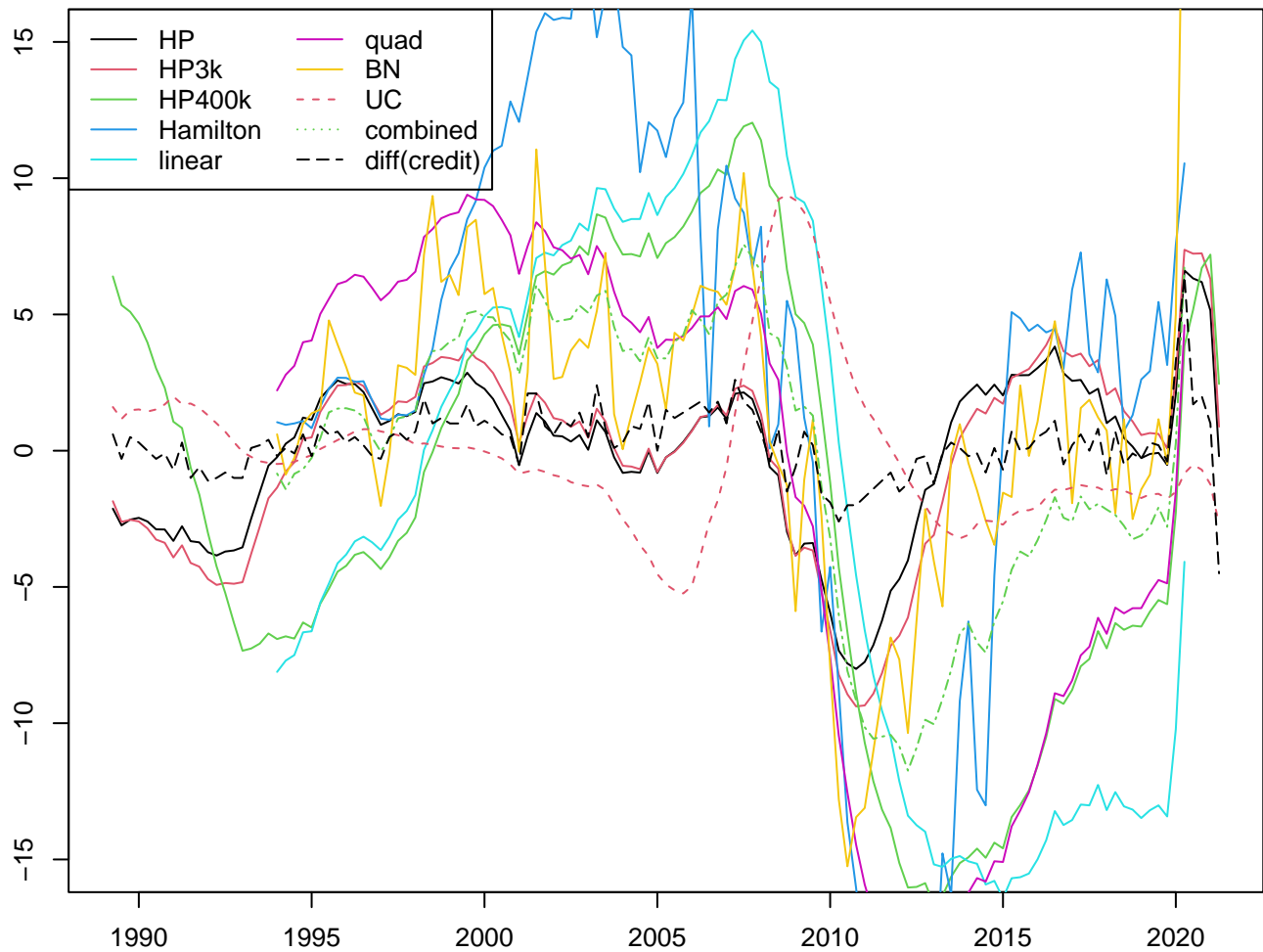


# US Household Credit Differenced Series & Combined Cycles



# Estimated Cyclical Component



### Estimated Bates Granger weights of Cyclical Component

