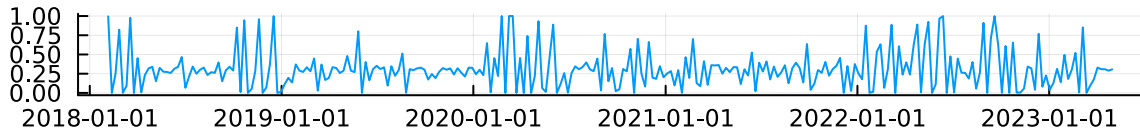
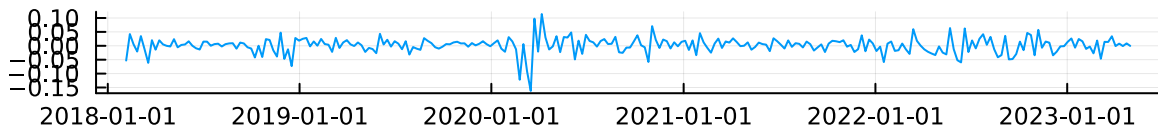


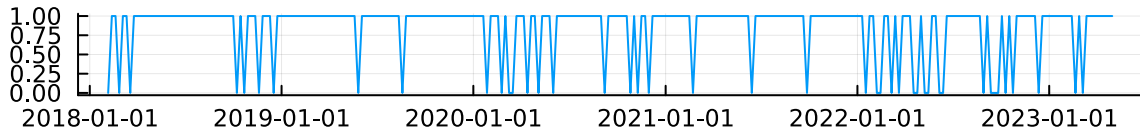
smoothing probability in state 0



S%&P500 weekly return



predicted state



smoothing probability in state 1

