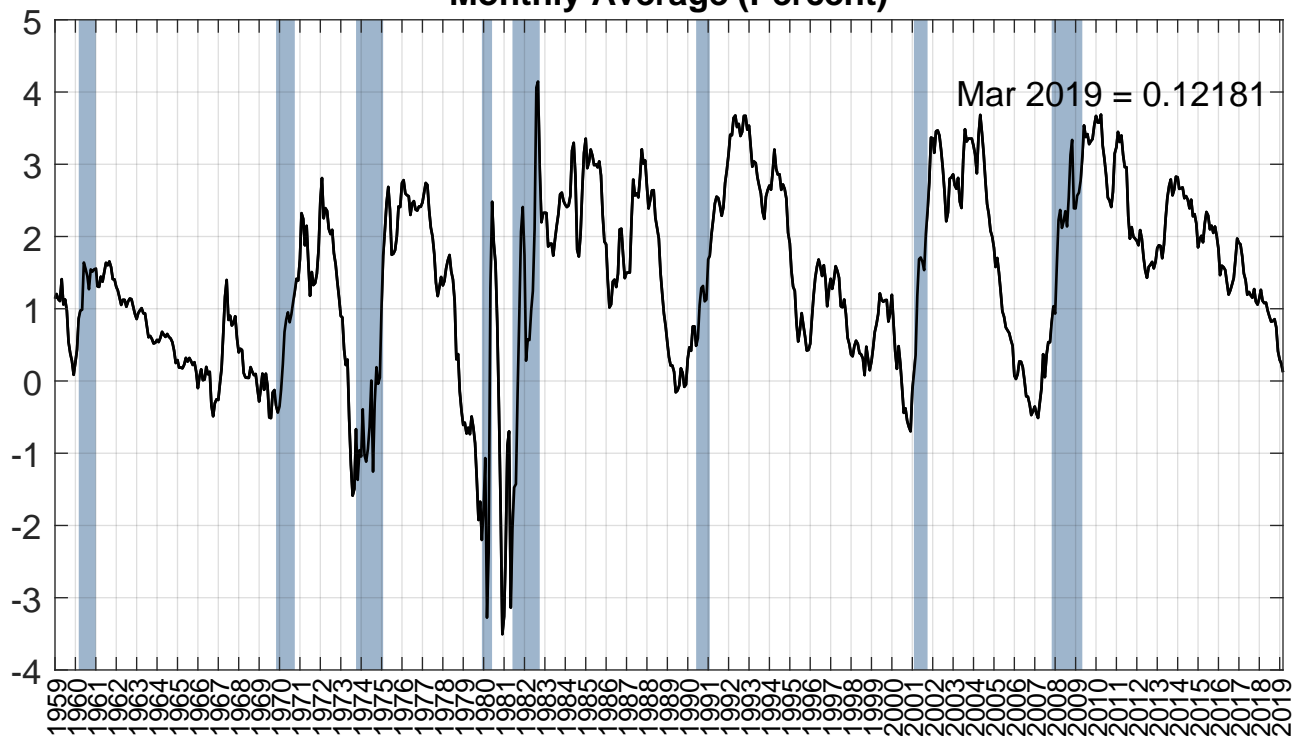
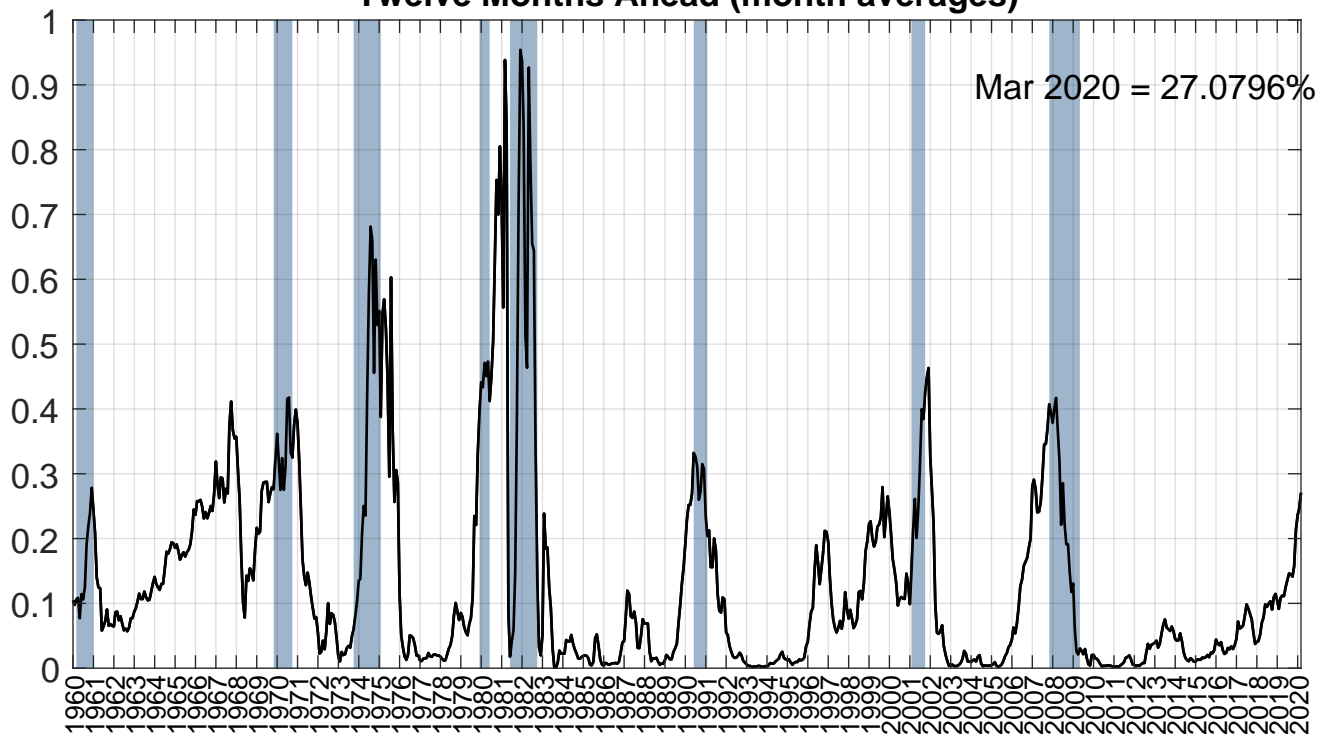


## Treasury Spread: 10 yr bond rate-3 month bill rate Monthly Average (Percent)



## Probability of US Recession Predicted by Treasury Spread\* Twelve Months Ahead (month averages)



\*Parameters estimated using data from January 1959 to December 2009, recession probabilities predicted using data through Mar 2019. The parameter estimates are  $\alpha = -0.5333$ ,  $\beta = -0.6330$ .

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