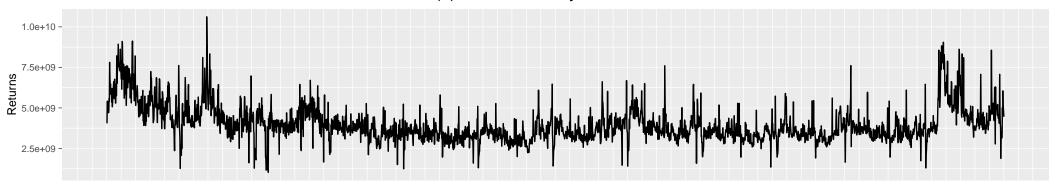
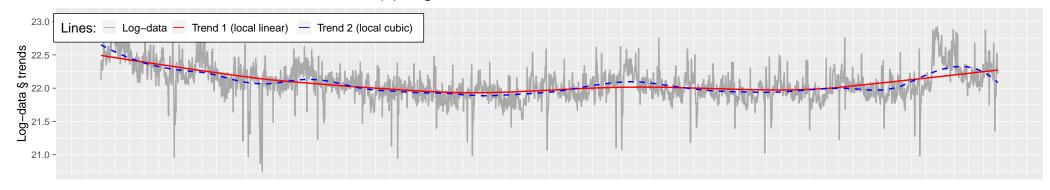
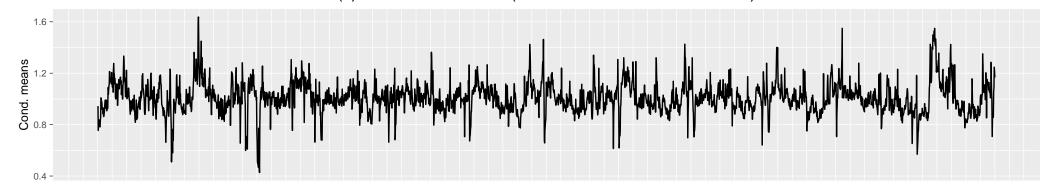
## (a) CBOE Volatility Index series



## (b) Log-transformed data \$ estimated trends



## (c) Conditional means (obtained with local linear trend)



## (d) Total means (obtained with local linear trend)

