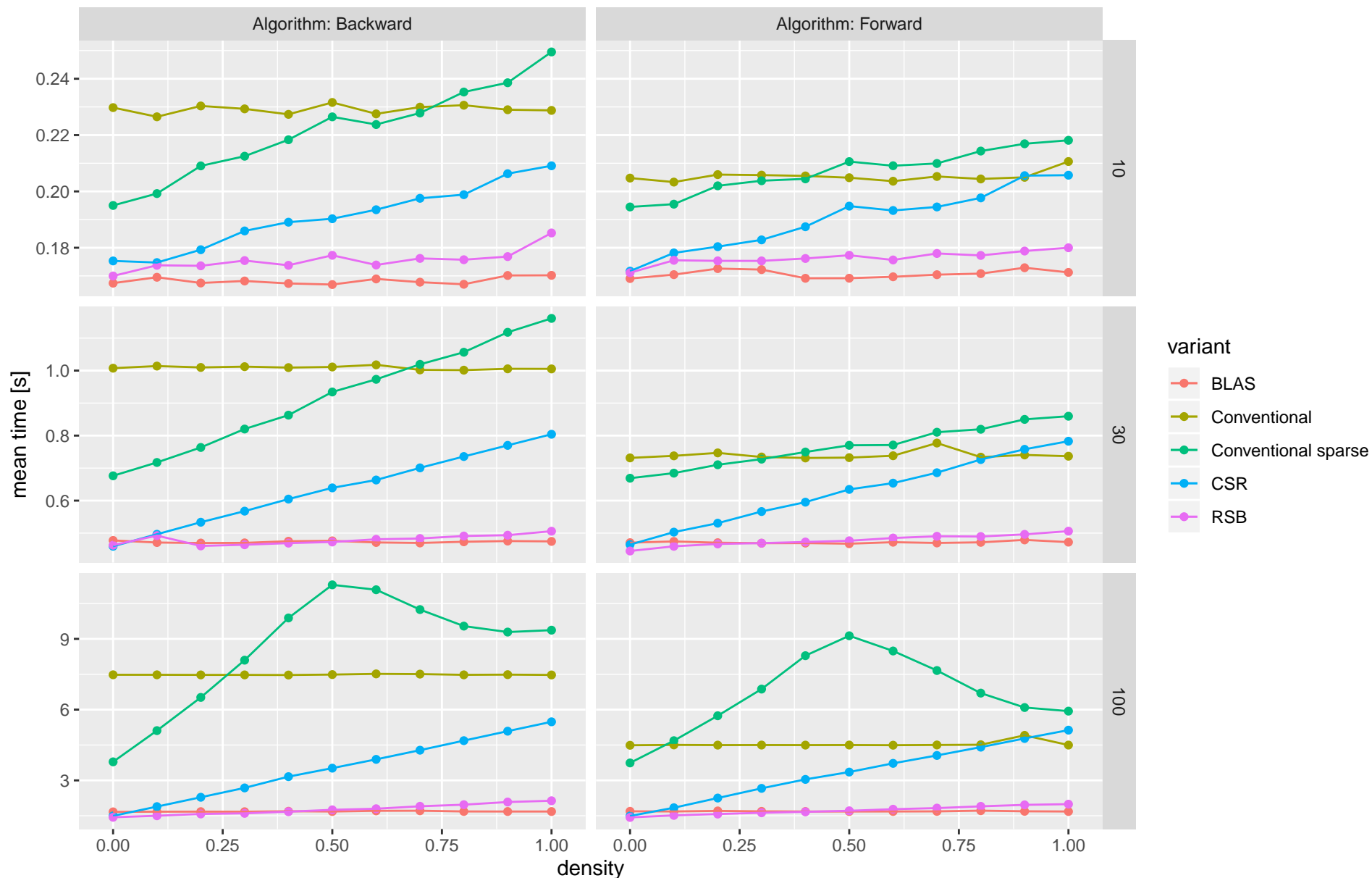Running time for density versus state space

error bars: standard deviation of 1 replicates
inputsize: 90000 characters, alphabet size: 4