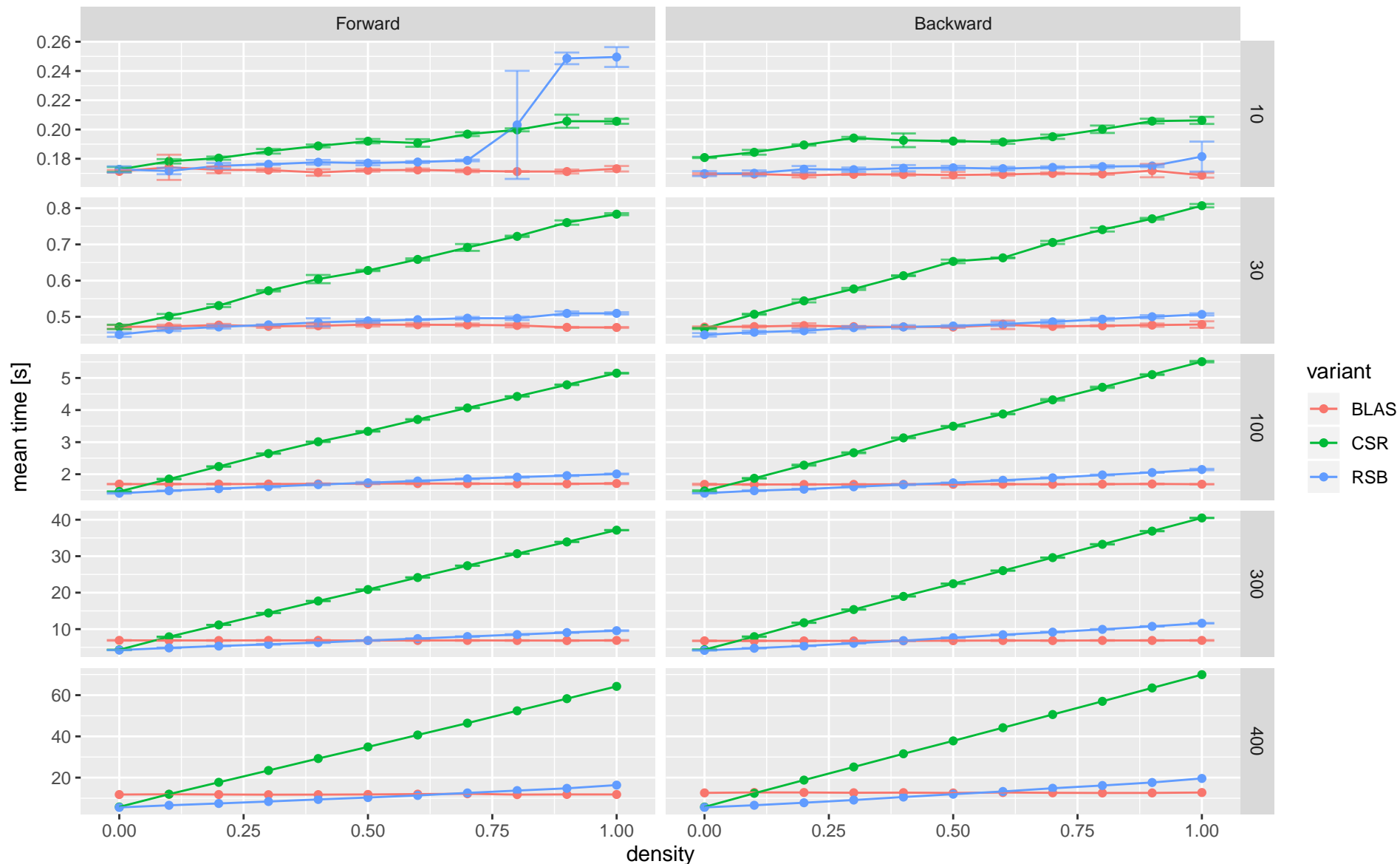Running time for density versus state space

Higher state space prefers sparse implementation

error bars: standard deviation of 5 replicates
inputsize: 90000 characters, alphabet size: 4