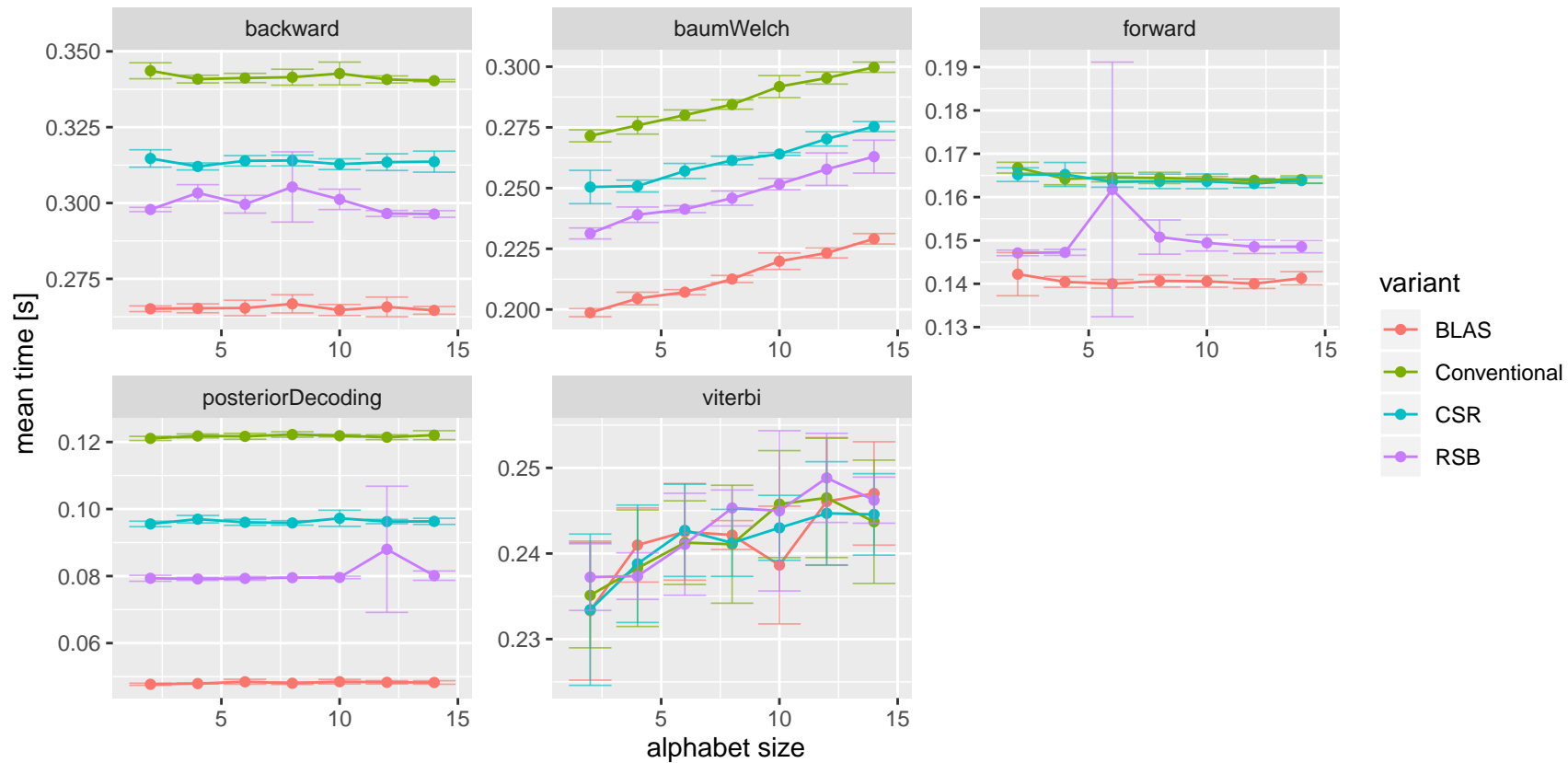Running time of increasing alphabet size

error bars: standard deviation of 5 replicates
input size = 90000, hidden states: 8