Running time of increasing hidden state space backward baumWelch forward 0.135 -0.2725 -0.19 -0.2700 -0.130 -0.2675 -0.18 -0.125 -0.2650 -(a) 0.2625 - 0.2625 - 0.076 -0.0 0.8 0.0 0.4 0.4 0.8 variant 0.4 0.8 0.0 Conventional posteriorDecoding viterbi 0.150 -0.074 -0.125 -0.072 -0.100 -0.070 -0.075 -0.068 -0.0 0.4 0.8 0.0 0.4 0.8

hidden states

error bars: standard deviation of 5 replicates