Running time of increasing hidden state space backward baumWelch forward 0.020 -0.012 -0.03 -0.015 -0.010 -0.02 -0.010 -0.008 -0.01 -0.005 -0.006 variant mean time [s] 0.00 - 0.015 -0.00 -0.000 -0.004 -BLAS 20 10 20 30 10 40 20 30 30 40 10 40 Conventional viterbi posteriorDecoding CSR 0.020 -RSB 0.015 -0.010 -0.010 -0.005 -0.005 -0.000 -20 30 0 10 10 20 30 40 40 hidden states