## Normalized running time of increasing input size backward baumWelch forward 2.5e-06 -3e-06 -4e-06 **-**2.0e-06 -3e-06 -2e-06 -1.5e-06 -2e-06 -1.0e-06 normalized mean time [s] 1e-06 -5.0e-07 variant 0e+00 -0.0e+00 -25000 50000 75000100000 25000 50000 75000100000 25000 50000 75000100000 BLAS Conventional viterbi posteriorDecoding CSR 3e-06 -2e-06 -5e-07 -1e-06 -0e+00 -0e+00 -25000 50000 75000100000 25000 50000 75000100000 observations

error bars: standard deviation of 5 replicates