Normalized running time of increasing input size backward baumWelch forward 3e-06 -3e-06 -6e-06 -2e-06 -2e-06 -4e-06 -1e-06 normalized mean time [s] 1e-06 -2e-06 variant 0e+00 -0e+00 -0e+00 -BLAS 50000 100000150000200000 0 50000 100000150000200000 50000 100000150000200000 Conventional posteriorDecoding viterbi CSR RSB .5e-06 -2.0e-06 -1.5e-06 -1.0e-06 **-**1.0e-06 -5.0e-07 -5.0e-07 -0.0e+00 -0.0e+00 -50000 100000 150000 200000 50000 100000150000200000 observations