Running time of increasing denseness backward forward baumWelch 0.325 -0.145 -0.20 -0.300 -0.140 -0.18 -0.135 -0.130 -0.16 -0.250 mean time [s] variant 0.125 -0.00 0.75 1.00 0.00 0.25 0.50 1.00 0.00 0.25 0.50 0.75 0.50 0.75 BLAS 0.25 1.00 Conventional viterbi posteriorDecoding CSR 0.08 -0.07 - 3 0.15 -0.06 -0.05 -0.10 -0.04 -0.03 -0.75 0.25 0.50 1.00 1.00 0.00 0.75 0.25

denseness

0.00

0.50