LDA

ELBo

Runtime (seconds)

——	1 thread, adam
——	2 threads, adam
——	4 threads, adam
——	8 threads, adam
——	1 thread, sgd, no momentum
——	2 threads, sgd, no momentum
——	4 threads, sgd, no momentum
——	8 threads, sgd, no momentum
——	16 threads, sgd, no momentum
——	30 threads, sgd, no momentum
——	8 threads, sgd, momentum=0.3
——	16 threads, sgd, momentum=0.3
——	30 threads, sgd, momentum=0.3
——	8 threads, sgd, momentum=0.6
——	16 threads, sgd, momentum=0.6
——	30 threads, sgd, momentum=0.6

Y-axis values: −40000, −42000, −44000, −46000, −48000

X-axis values: 0, 500, 1000, 1500, 2000