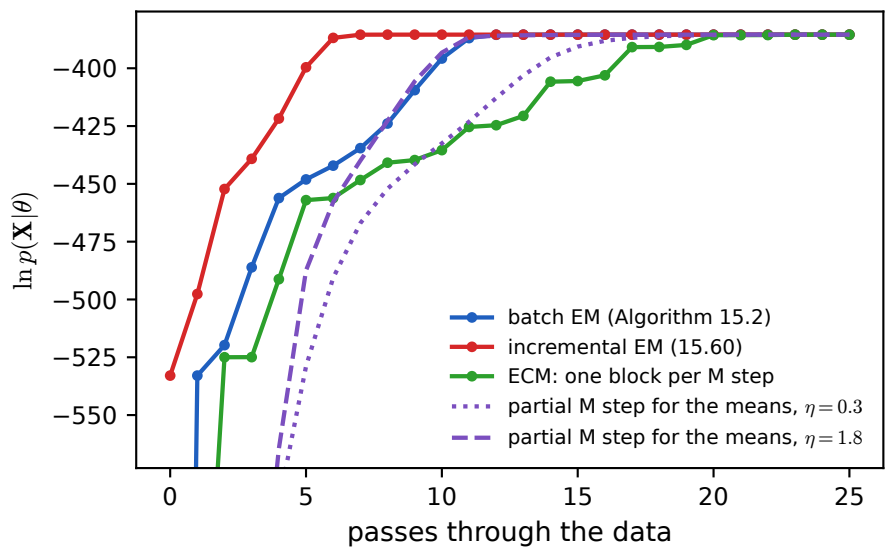
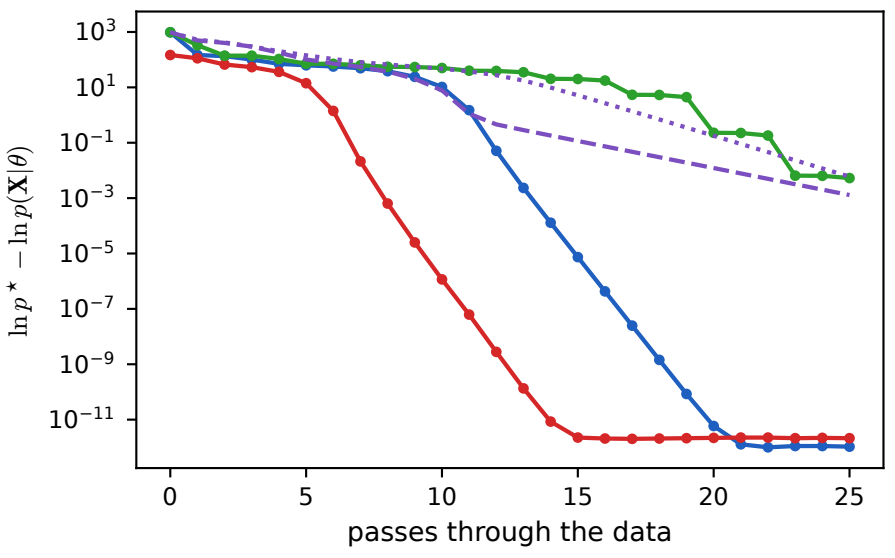

−400
−425
−450
−475
−500
−525
−550
$\ln p(\mathbf{X}|\theta)$
0
5
10
15
20
25
passes through the data
batch EM (Algorithm 15.2)
incremental EM (15.60)
ECM: one block per M step
partial M step for the means, $\eta = 0.3$
partial M step for the means, $\eta = 1.8$


10^{3}
10^{1}
10^{-1}
10^{-3}
10^{-5}
10^{-7}
10^{-9}
10^{-11}
$\ln p^{\star} - \ln p(\mathbf{X}|\theta)$
0
5
10
15
20
25
passes through the data