

General form of Expectation Maximization

$$\log p(X \mid \theta) \geq \mathcal{L}(\theta, \mathbf{q}) \text{ for any } \mathbf{q}$$

$$\mathbf{q}^{k+1} = \arg \max_{\mathbf{q}} \mathcal{L}(\theta^k, \mathbf{q})$$

