



Check: We want to express (3) as a sum of KL divergence Ferms and entropy terms. $K = \int q(x^{(0-1)}) \cdot \log p_0(x^{(1)}) dx^{(0-1)} + \int q(x^{(0-1)}) \cdot \log \left[\frac{\prod p_0(x^{(1)}|x^{(1)})}{\prod q(x^{(1)}|x^{(1)})} \frac{q(x^{(1)}|x^{(0)})}{q(x^{(1)}|x^{(0)})} \right] dx^{(0-1)}$