

Mean Field for LDA (week 3)

$$\max_{\Phi} p(W \mid \Phi)$$

E-step $p(Z, \Theta \mid W, \Phi) \approx q(Z, \Theta)$

M-step $\max_{\Phi} \mathbb{E}_q \log p(Z, \Theta, W \mid \Phi)$