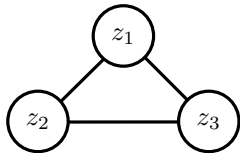
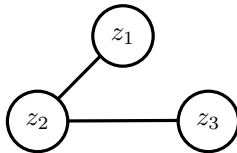


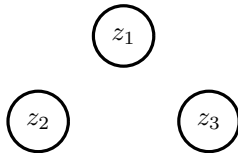
True posterior



Structured approximation



Fully factorized



Most expressive

$$q(z|x) = p(z|x)$$

Least expressive

$$q(z) = \prod_k q_k(z_k | z_{j \neq k})$$

$$q(z|x) = \prod_i q_i(z_i)$$