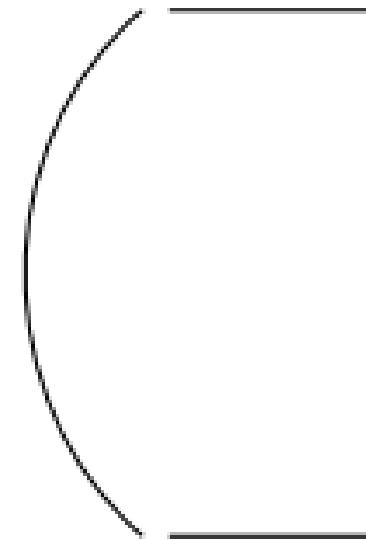


0 <.....>

$$\log p(\mathbf{y}_{1:n} \mid \boldsymbol{\theta})$$

$$\text{KL}(q(\boldsymbol{\theta}) \parallel p(\boldsymbol{\theta} \mid \mathbf{y}_{1:n}))$$



$$\text{ELBO}(q, \boldsymbol{\theta}) = \int q(\boldsymbol{\theta}) \log \frac{p(\mathbf{y}_{1:n} \mid \boldsymbol{\theta})}{q(\boldsymbol{\theta})} d\boldsymbol{\theta}$$