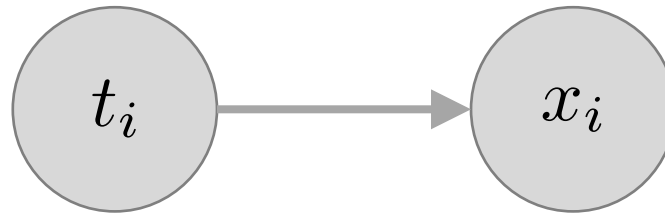# Principal Component Analysis

$$p(t_i) = \mathcal{N}(0, I)$$

$$p(x_i \mid t_i, \theta) = \mathcal{N}(W t_i + b, \Sigma)$$

$$\max_{\theta} p(X \mid \theta)$$