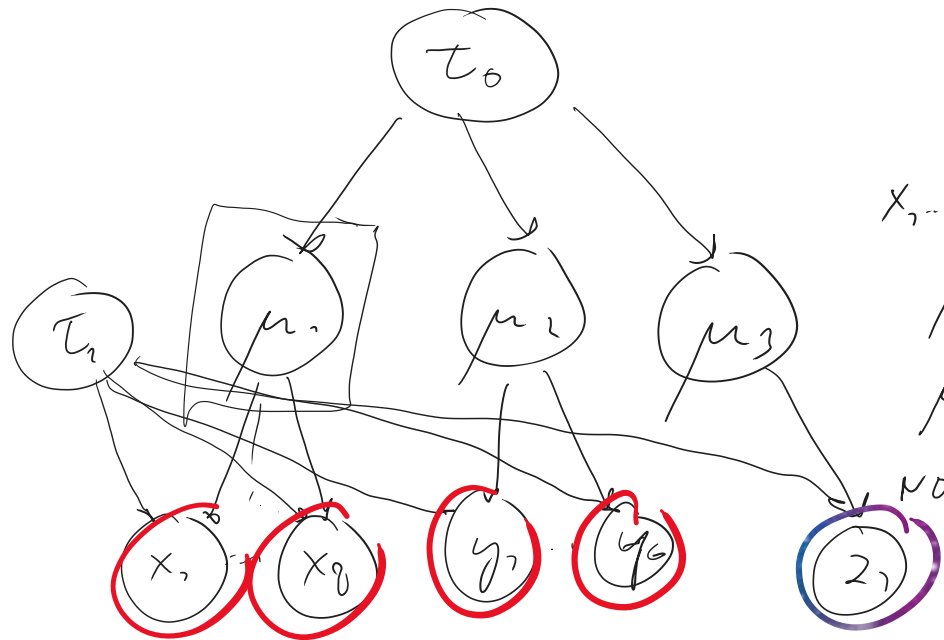
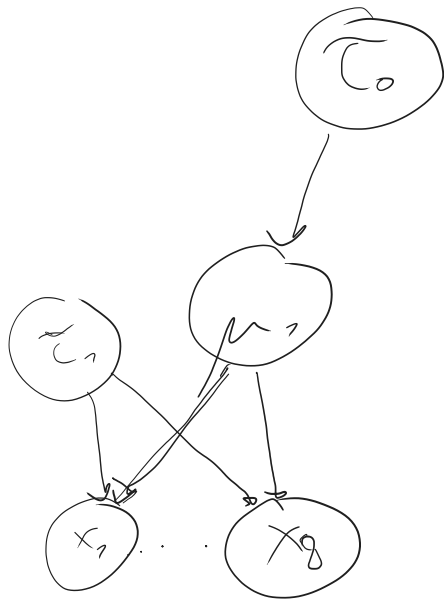




$$x_1, \dots, x_8 \sim \text{NORMAL}(\mu_1, \tau_1^{-1})$$

$$\mu_1 \sim \text{NORMAL}(10, \tau_0^{-1})$$

$$\mu_1 / x_1, \dots, x_8 \sim \text{NORMAL}\left(\frac{10\tau_0 + 8\bar{x}\tau_1}{\tau_0 + 8\tau_1}, \frac{1}{\tau_0 + 8\tau_1}\right)$$