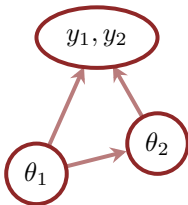
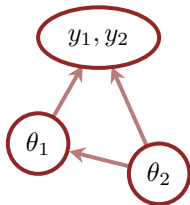


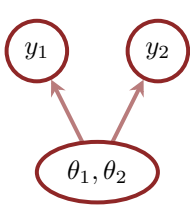
$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_1, y_2 \mid \theta_1, \theta_2) \\ \pi(\theta_1) \pi(\theta_2)\end{aligned}$$



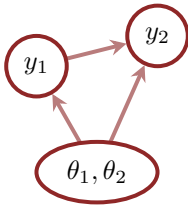
$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_1, y_2 \mid \theta_1, \theta_2) \\ \pi(\theta_2 \mid \theta_1) \pi(\theta_1)\end{aligned}$$



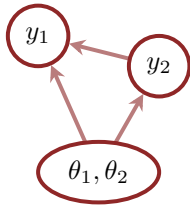
$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_1, y_2 \mid \theta_1, \theta_2) \\ \pi(\theta_1 \mid \theta_2) \pi(\theta_2)\end{aligned}$$



$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_1 \mid \theta_1, \theta_2) \\ \pi(y_2 \mid \theta_1, \theta_2) \\ \pi(\theta_1, \theta_2)\end{aligned}$$



$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_2 \mid y_1, \theta_1, \theta_2) \\ \pi(y_1 \mid \theta_1, \theta_2) \\ \pi(\theta_1, \theta_2)\end{aligned}$$



$$\begin{aligned}\pi(y_1, y_2, \theta_1, \theta_2) &= \\ \pi(y_1 \mid y_2, \theta_1, \theta_2) \\ \pi(y_2 \mid \theta_1, \theta_2) \\ \pi(\theta_1, \theta_2)\end{aligned}$$