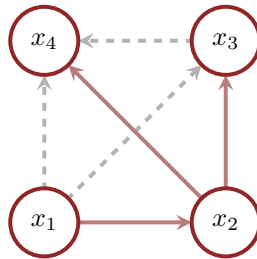
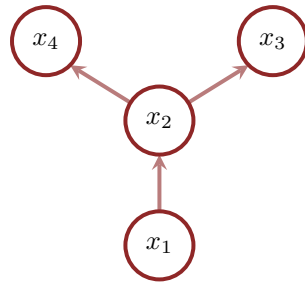


$$\begin{aligned} \pi(x_1, x_2, x_3, x_4) \\ = \pi(x_4 \mid x_1, x_2, x_3) \cdot \pi(x_3 \mid x_1, x_2) \cdot \pi(x_2 \mid x_1) \cdot \pi(x_1) \end{aligned}$$



$$\begin{aligned} \pi(x_1, x_2, x_3, x_4) \\ = \pi(x_4 \mid x_2) \cdot \pi(x_3 \mid x_2) \cdot \pi(x_2 \mid x_1) \cdot \pi(x_1) \end{aligned}$$



$$\begin{aligned} \pi(x_1, x_2, x_3, x_4) \\ = \pi(x_4 \mid x_2) \cdot \pi(x_3 \mid x_2) \cdot \pi(x_2 \mid x_1) \cdot \pi(x_1) \end{aligned}$$