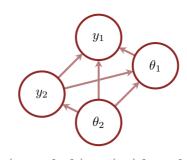


$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid y_1, \theta_1, \theta_2)$$

$$\pi(y_1 \mid \theta_1, \theta_2)$$

$$\pi(\theta_1 \mid \theta_2)$$

$$\pi(\theta_2)$$

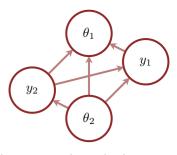


$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_1 \mid \theta_1, y_2, \theta_2)$$

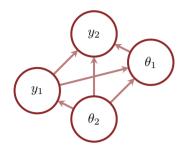
$$\pi(\theta_1 \mid y_2, \theta_2)$$

$$\pi(y_2 \mid \theta_2)$$

$$\pi(\theta_2)$$



$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_1 \mid y_1, y_2, \theta_2) \\ \pi(y_1 \mid y_2, \theta_2) \\ \pi(y_2 \mid \theta_2) \\ \pi(\theta_2)$$

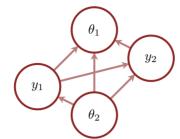


$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid \theta_1, y_1, \theta_2)$$

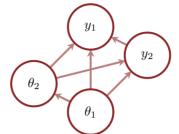
$$\pi(\theta_1 \mid y_1, \theta_2)$$

$$\pi(y_1 \mid \theta_2)$$

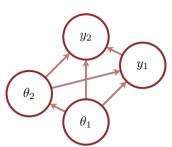
$$\pi(\theta_2)$$



 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_1 \mid y_2, y_1, \theta_2)$  $\pi(y_2 \mid y_1, \theta_2)$  $\pi(y_1 \mid \theta_2)$  $\pi(\theta_2)$ 



 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_1 \mid y_2, \theta_2, \theta_1)$  $\pi(y_2 \mid \theta_2, \theta_1)$  $\pi(\theta_2 \mid \theta_1)$  $\pi(\theta_1)$ 

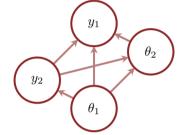


$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid y_1, \theta_2, \theta_1)$$

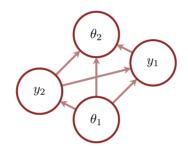
$$\pi(y_1 \mid \theta_2, \theta_1)$$

$$\pi(\theta_2 \mid \theta_1)$$

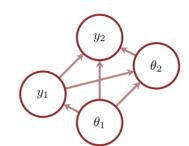
$$\pi(\theta_1)$$



 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_1 \mid \theta_2, y_2, \theta_1)$  $\pi(\theta_2 \mid y_2, \theta_1)$  $\pi(y_2 \mid \theta_1)$  $\pi(\theta_1)$ 



 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid y_1, y_2, \theta_1)$  $\pi(y_1 \mid y_2, \theta_1)$  $\pi(y_2 \mid \theta_1)$  $\pi(\theta_1)$ 

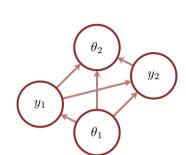


$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid \theta_2, y_1, \theta_1)$$

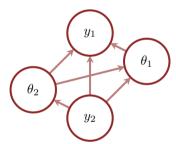
$$\pi(\theta_2 \mid y_1, \theta_1)$$

$$\pi(y_1 \mid \theta_1)$$

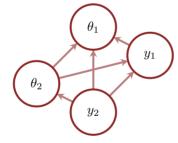
$$\pi(\theta_1)$$



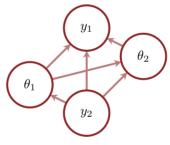
 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid y_2, y_1, \theta_1)$  $\pi(y_2 \mid y_1, \theta_1)$  $\pi(y_1 \mid \theta_1)$  $\pi(\theta_1)$ 



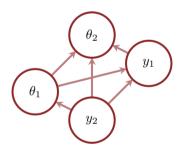
 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_1 \mid \theta_1, \theta_2, y_2)$  $\pi(\theta_1 \mid \theta_2, y_2)$  $\pi(\theta_2 \mid y_2)$  $\pi(y_2)$ 



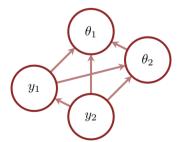
 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_1 \mid y_1, \theta_2, y_2)$  $\pi(y_1 \mid \theta_2, y_2)$  $\pi(\theta_2 \mid y_2)$  $\pi(y_2)$ 



 $\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_1 \mid \theta_2, \theta_1, y_2)$  $\pi(\theta_2 \mid \theta_1, y_2)$  $\pi(\theta_1 \mid y_2)$  $\pi(y_2)$ 



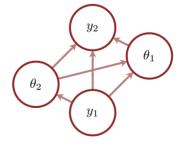
$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid y_1, \theta_1, y_2) \pi(y_1 \mid \theta_1, y_2) \pi(\theta_1 \mid y_2) \pi(y_2)$$



$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_1 \mid \theta_2, y_1, y_2) \pi(\theta_2 \mid y_1, y_2) \pi(y_1 \mid y_2) \pi(y_2)$$

$$\theta_2$$
 $\theta_1$ 
 $\theta_2$ 
 $\theta_1$ 

$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid \theta_1, y_1, y_2) \pi(\theta_1 \mid y_1, y_2) \pi(y_1 \mid y_2) \pi(y_2)$$



$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid \theta_1, \theta_2, y_1)$$

$$\pi(\theta_1 \mid \theta_2, y_1)$$

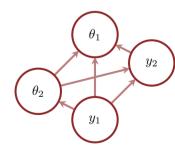
$$\pi(\theta_2 \mid y_1)$$

$$\pi(y_1)$$

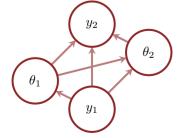
 $\theta_1$ 

 $y_1$ 

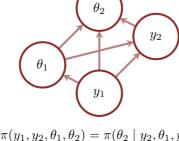
 $\theta_2$ 



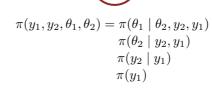
$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_1 \mid y_2, \theta_2, y_1) \pi(y_2 \mid \theta_2, y_1) \pi(\theta_2 \mid y_1) \pi(y_1)$$



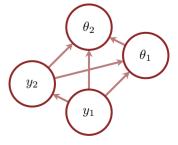
$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(y_2 \mid \theta_2, \theta_1, y_1) \pi(\theta_2 \mid \theta_1, y_1) \pi(\theta_1 \mid y_1) \pi(y_1)$$



$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid y_2, \theta_1, y_1) \\ \pi(y_2 \mid \theta_1, y_1) \\ \pi(\theta_1 \mid y_1) \\ \pi(y_1)$$



 $y_2$ 



$$\pi(y_1, y_2, \theta_1, \theta_2) = \pi(\theta_2 \mid \theta_1, y_2, y_1) \\ \pi(\theta_1 \mid y_2, y_1) \\ \pi(y_2 \mid y_1) \\ \pi(y_1)$$