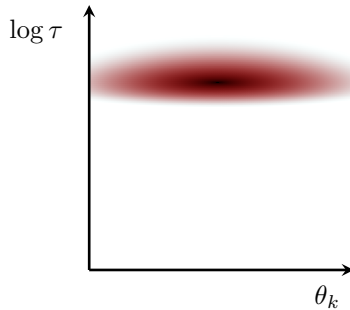
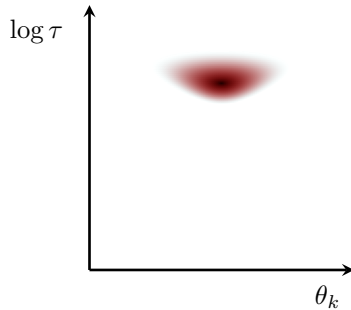


$$\log \pi(\theta_k, \log \tau)$$



$$\log \pi(\tilde{y}_1, \dots, \tilde{y}_K \mid \theta_k, \log \tau)$$



$$\log \pi(\theta_k, \log \tau \mid \tilde{y}_1, \dots, \tilde{y}_K)$$