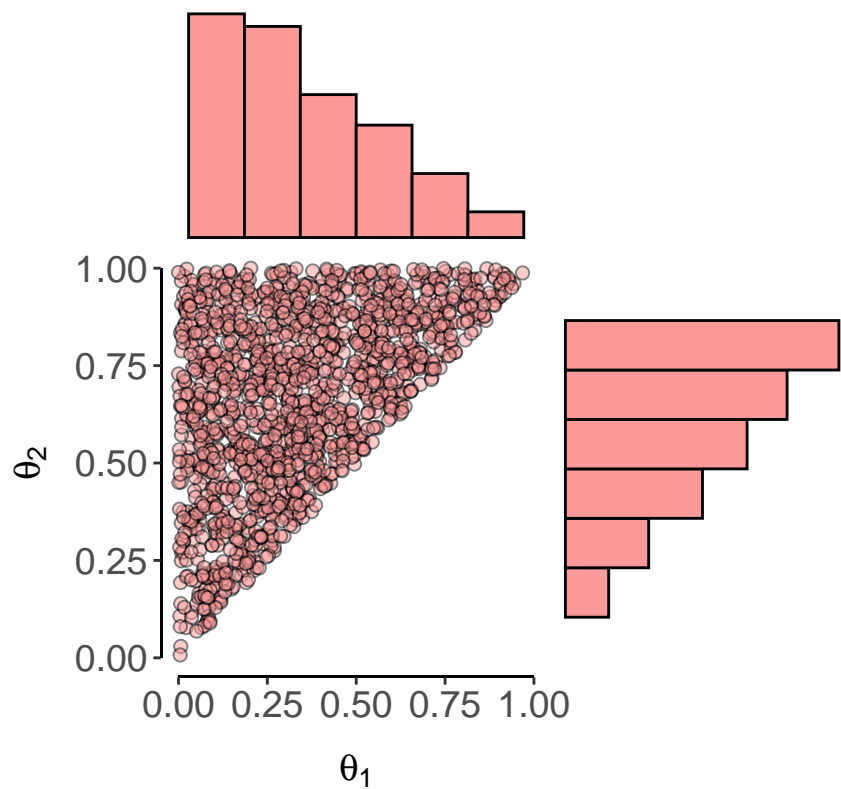
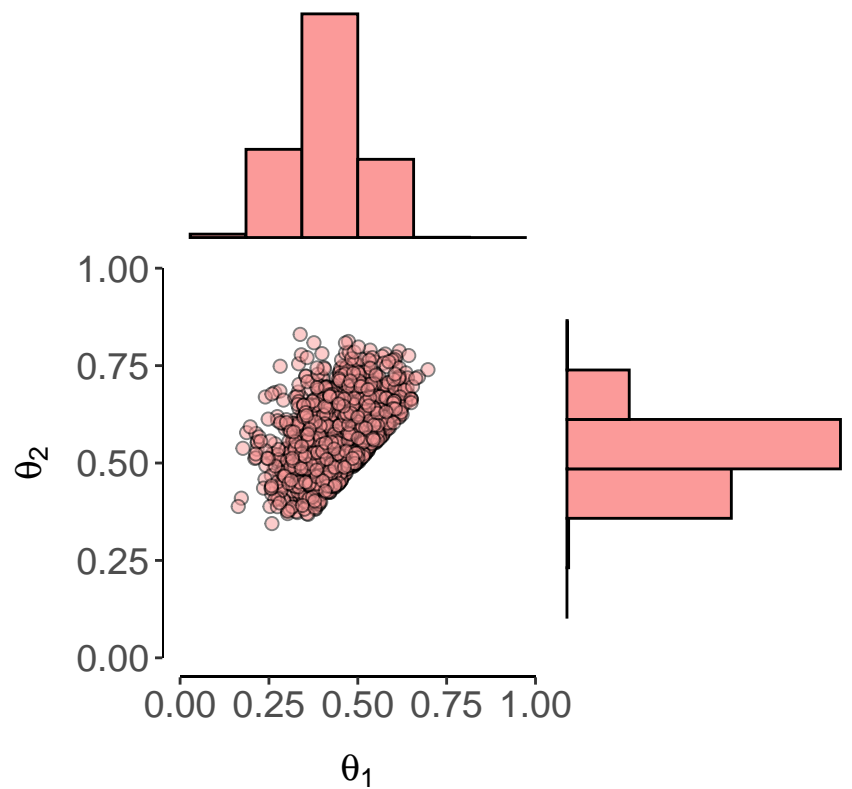


**a)**  $\theta_1 \sim \text{Beta}(1, 1)$   $\theta_2 \sim \text{Beta}(1, 1)$



**b)**  $\theta_1 \sim \text{Beta}(10, 10)$   $\theta_2 \sim \text{Beta}(10, 10)$



**c)**  $\theta_1 \sim \text{Beta}(5, 15)$   $\theta_2 \sim \text{Beta}(15, 5)$

