Simulation Process outline

Step 2) construct the posterior for each
$$\theta^{(i)}$$
, $\theta^{(a)}$

$$\Rightarrow \theta^{(b^{(m)})}(y) \propto \theta^{(y)}(\theta^{(m)}) \gamma(\theta^{(m)})$$

-1 mite this is the same as the goneral posterior, but using individual discritized as nature than a smooth curve

Step 3) Sawyk
$$\theta_{11}$$
,..., θ_{1m}) from $\theta_{1}^{(n)}$,..., θ_{1m})

with probability a $\rho(y|\theta^{(m)})$ tr(0 1^{m})

(we get)

Derivation

$$= \int_{0}^{1} \frac{\rho(\tilde{y}|\theta)}{\rho(\tilde{y}|\theta)} \frac{\rho(\theta|y)}{\rho(\theta|y)} d\theta$$

$$= \int_{0}^{1} \frac{(\tilde{y})}{(\tilde{y})} \frac{\tilde{y}}{\theta} (1-\theta)^{5-\tilde{y}} \frac{\Gamma((\theta))}{\Gamma(\tilde{y})} \frac{1}{\Gamma(\tilde{y})} \frac{1}{\Gamma$$

50,50, (06. 5. (5-9))