



$$\tau_j \leftarrow \frac{\theta_{Gj}}{\theta_{Pj}}$$

$$\gamma_j \leftarrow \theta_{Gj} - \theta_{Pj}$$

$$\theta_{1j} \leftarrow \theta_j + \frac{\delta}{2}$$

$$\theta_{2j} \leftarrow \theta_j - \frac{\delta}{2}$$

$$y_{ij} \sim \text{Binomial}(\theta_{ij}, r)$$