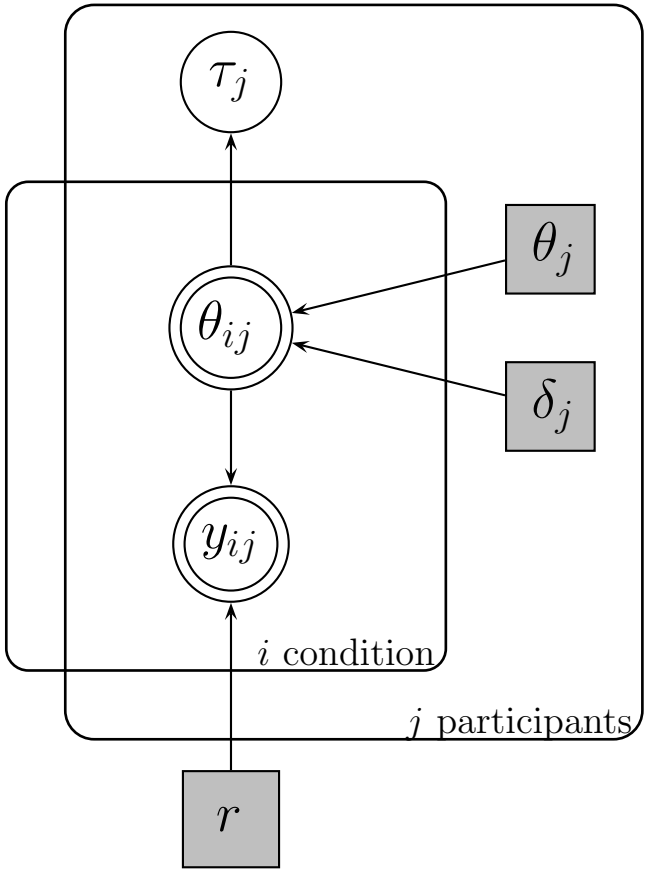

$$\tau_j \leftarrow \frac{\theta_{Gj}}{\theta_{Pj}}$$

$$\theta_j \sim \text{Unif}\big(0, 1\big)$$

$$\delta_j \sim \text{Unif}\big(0, 1 - \theta_j\big)$$

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

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

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