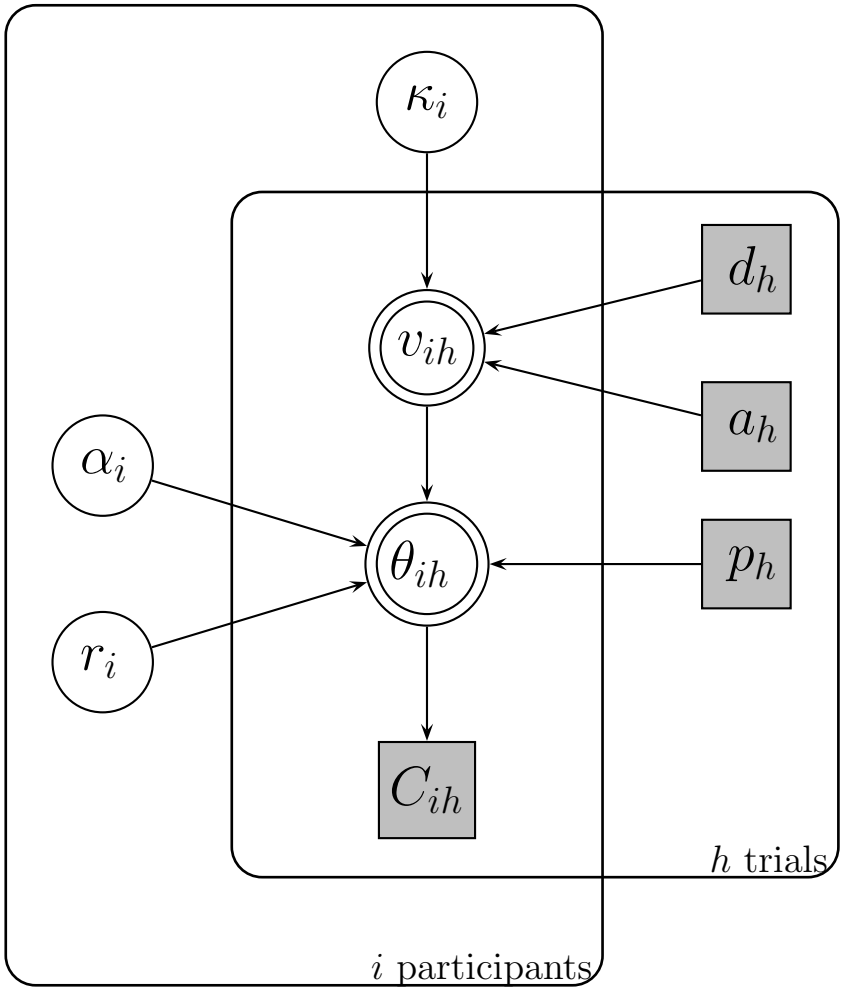

$$\kappa_i \sim \text{Uniform}\big(0, 0.3\big)$$

$$\alpha_i \sim \text{Uniform}\big(0, 0.5\big)$$

$$v_{ih} \leftarrow a_h/(1 + \kappa_i d_h)$$

$$r_i \sim \text{Bernoulli}\big(0.5\big)$$

$$\theta_{ih} \leftarrow \begin{cases} \alpha_i & \text{if } p_h > v_{ih} \;\&\; r_i = 0 \\ 1 - \alpha_i & \text{if } p_h \leqslant v_{ih} \;\&\; r_i = 0 \\ 0.5 & \text{if } r_i = 1 \end{cases}$$

$$C_{ih} \sim \text{Bernoulli}\big(\theta_{ih}\big)$$