



$$r_i \sim \text{Cauchy}(r_0, t)$$

$$t \sim \text{Half-Cauchy}(l_0)$$

$$r_j \leftarrow r_{i_j}$$

$$\alpha \sim \text{Cauchy}(\alpha_0, h_0)$$

$$s \sim \text{Half-Cauchy}(h_1)$$

$$\alpha_m \sim \text{Cauchy}(\alpha, s)$$

$$t_i \sim \text{Half-Cauchy}(l_1)$$

$$\alpha_j \leftarrow \alpha_{m_j}$$

$$\beta_j \leftarrow \alpha_j + r_j$$

$$e_j \sim \text{Norm}(\beta_j, v)$$

$$v \sim \text{Half-Cauchy}(u)$$