



$$\mu^\theta \sim \text{Uniforme}(0, 1)$$

$$\sigma^\theta \sim \text{Uniforme}(0, 20)$$

$$\theta_p \sim \text{Beta}(\mu^\theta / \sigma^{\theta^2}, (1 - \mu^\theta) / \sigma^{\theta^2})$$

$$n_f \sim \text{Uniforme}(0, 60)$$

$$c_{fp} \sim \text{Binomial}(\theta_p, n_f)$$