$$\varepsilon \sim \text{Normal}, \quad \eta_k \sim \text{Logistic}$$

$$u_{i1} = \alpha_0 + \alpha_1 \text{parent\_college} + \alpha_2 \text{efc} + \eta_1$$

$$u_{i2} = \gamma_0 + \gamma_1 \mathbb{E} \log w_i + \gamma_2 \text{numkids} + \eta_2$$