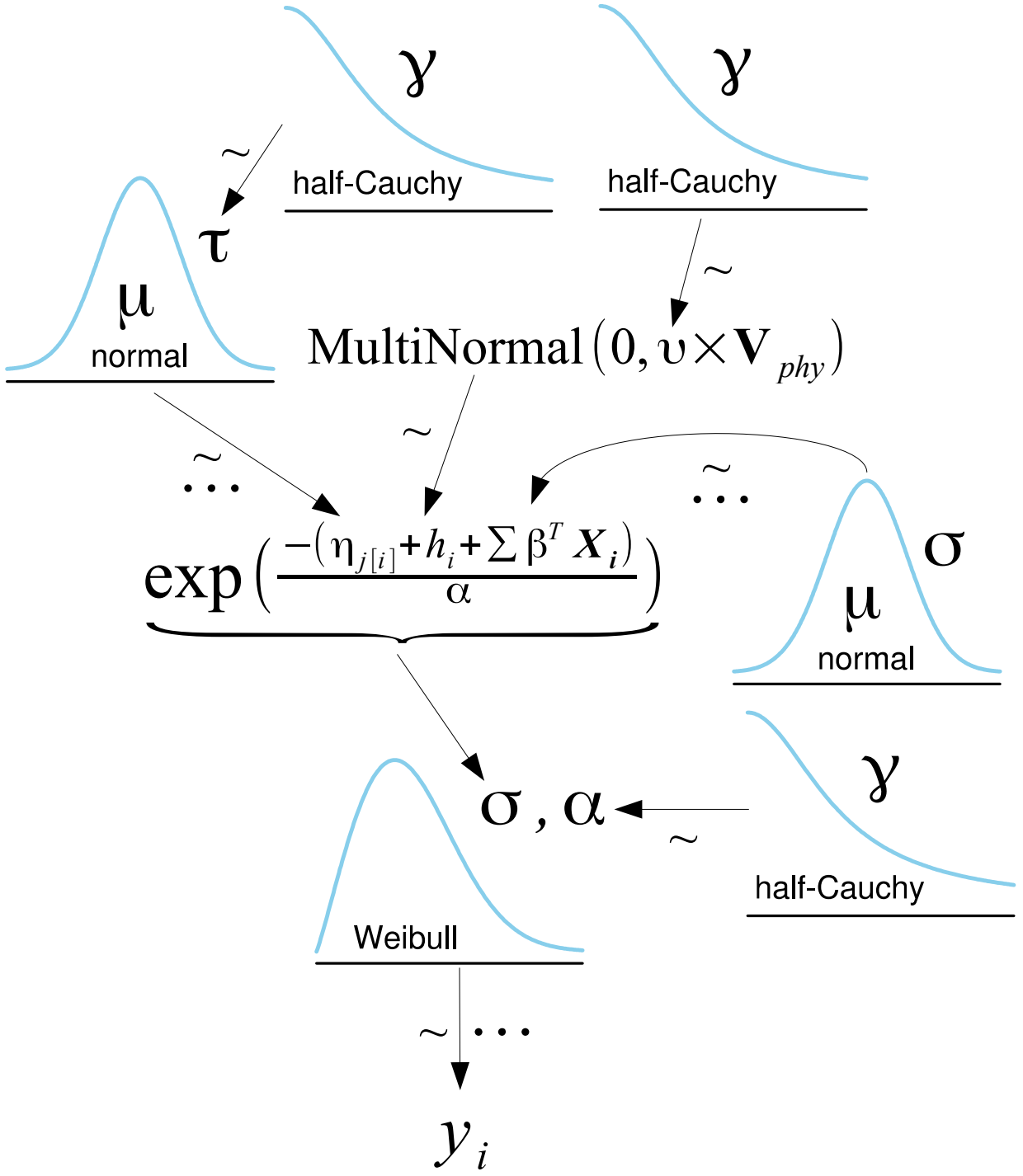

$$y_i \sim \text{Weibull}(\sigma, \alpha)$$
$$\eta_{j[i]} \sim \text{Normal}(0, \tau)$$
$$\tau \sim \text{half-Cauchy}(2.5)$$
$$h_i \sim \text{MultiNormal}(0, \Sigma)$$
$$\Sigma = \upsilon \times \mathbf{V}_{phy}$$
$$\upsilon \sim \text{half-Cauchy}(2.5)$$
$$\beta \sim \text{Normal}(0, 10)$$
$$\alpha \sim \text{half-Cauchy}(2.5)$$