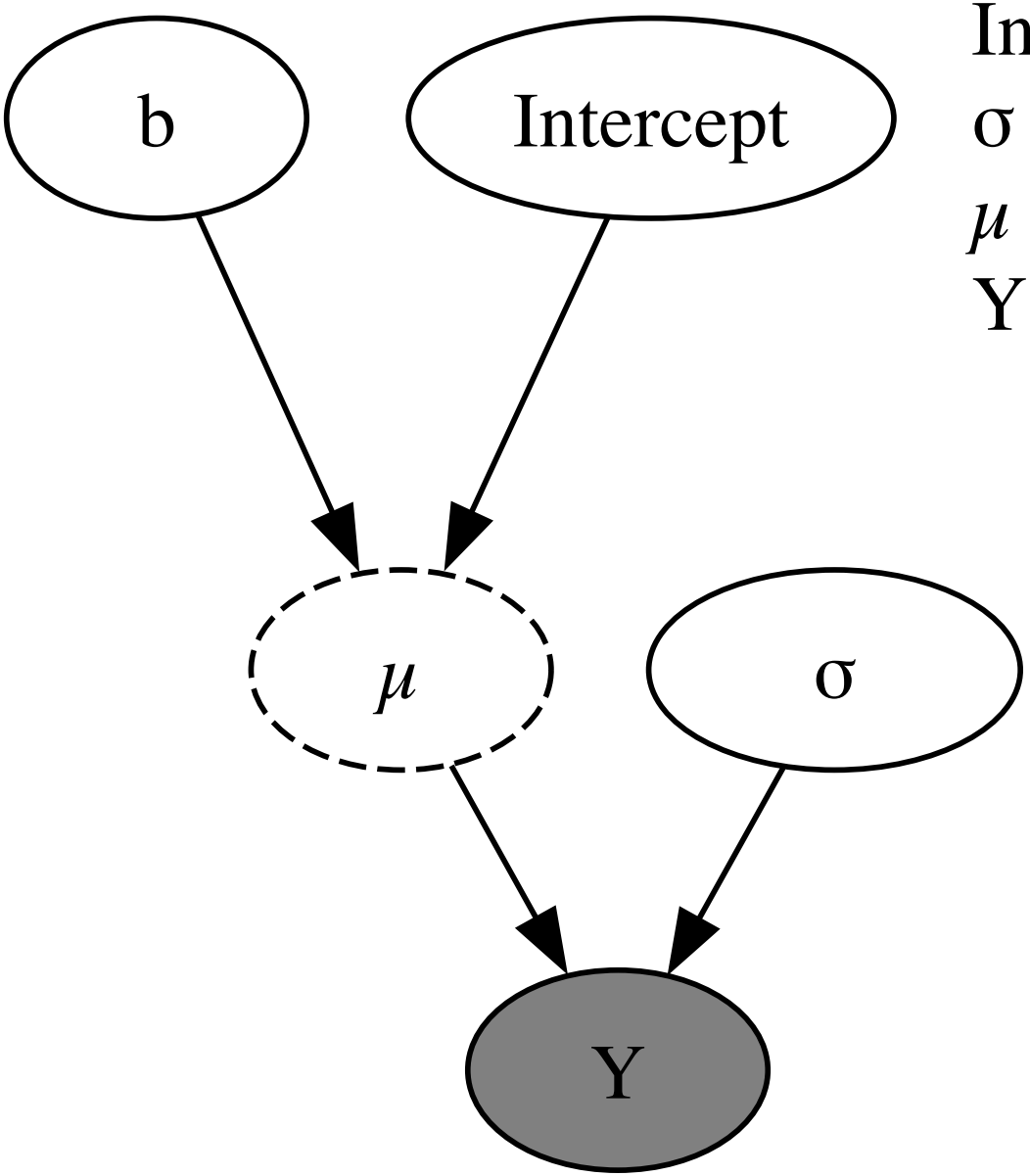

$$b \sim \text{Normal}(0, 1)$$
$$\text{Intercept} \sim \text{StudentT}(3, 8, 10)$$
$$\sigma \sim \text{HalfStudentT}(3, 0, 10)$$
$$\mu = \text{Intercept} + \text{Xc} \cdot b$$
$$Y \sim \text{Normal}(\mu, \sigma)$$