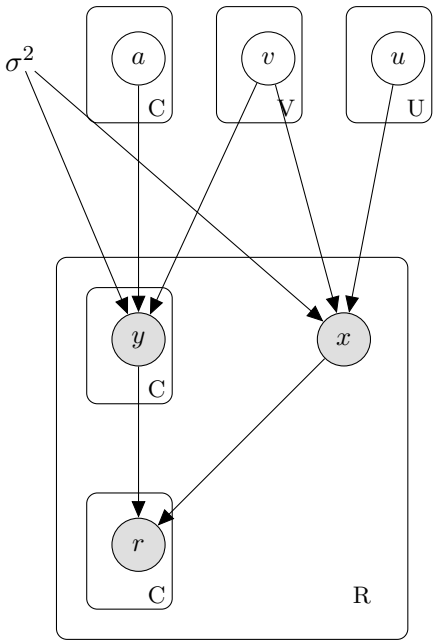

$$y_c \sim \mathcal{N}((a_c + u)v, \sigma^2) \tag{1}$$

$$x \sim \mathcal{N}(uv, \sigma^2) \tag{2}$$

$$p(r_c = 1) = \frac{1}{1 + \exp|x_c - y|} \tag{3}$$