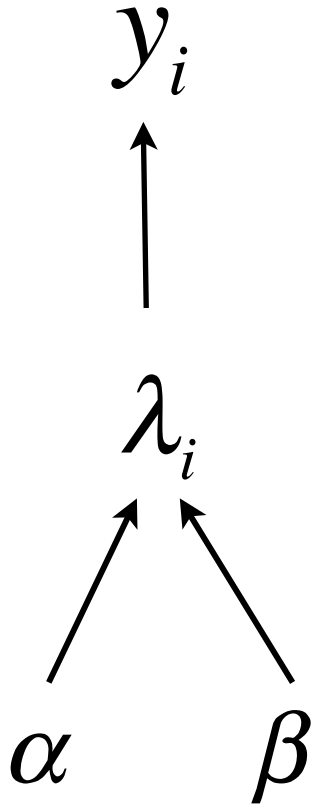


$$[\boldsymbol{\lambda}, \alpha, \beta | \mathbf{y}] \propto \prod_{i=1}^n \text{Poisson}(y_i | \lambda_i) \text{gamma}(\lambda_i | \alpha, \beta) \text{gamma}(\beta | .001, .001) \text{gamma}(\alpha | .001, .001)$$



We use the multivariate joint distribution to find univariate full-conditional distributions for all unobserved quantities.

How many full conditionals are there?