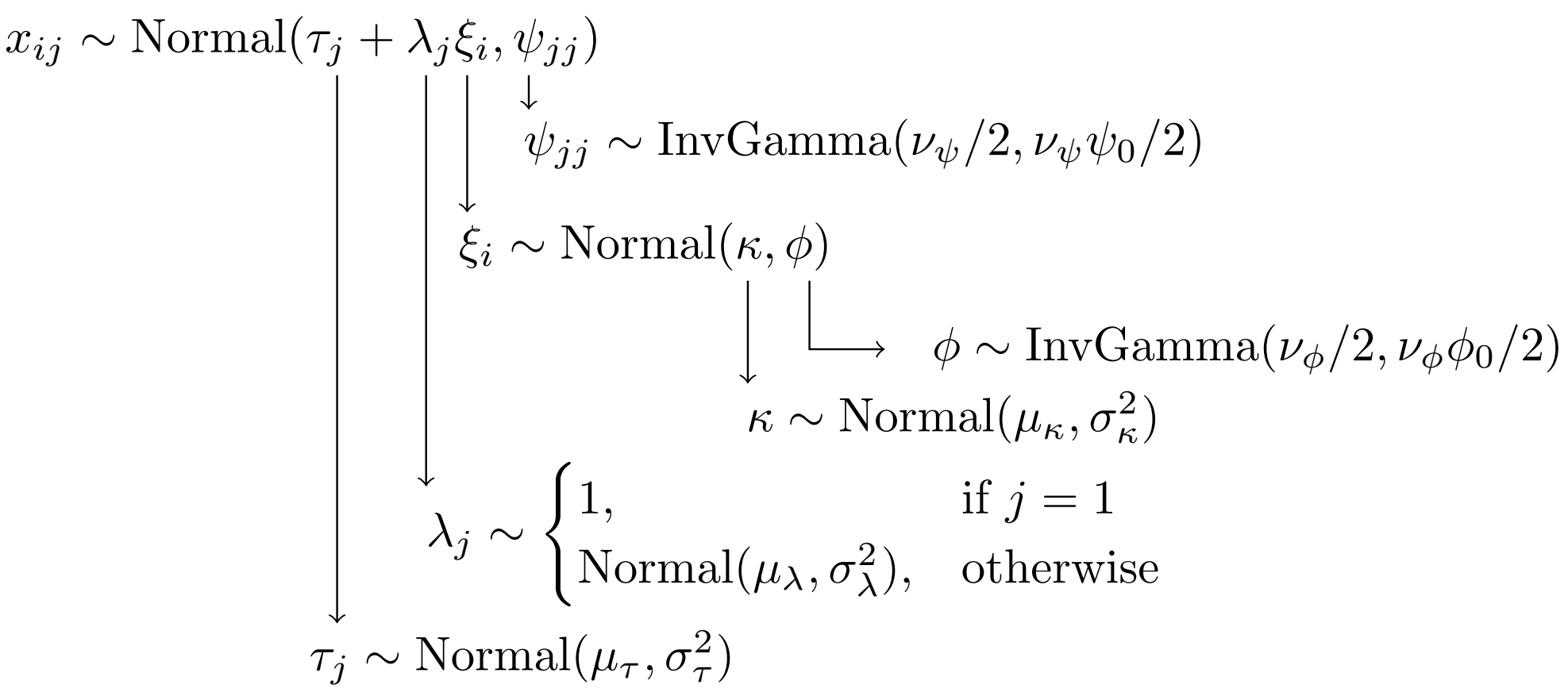
$x_{ij} \sim \text{Normal}(\tau_j + \lambda_j \xi_i, \psi_{jj})$
$\psi_{jj} \sim \text{InvGamma}(\nu_\psi/2, \nu_\psi \psi_0/2)$
$\xi_i \sim \text{Normal}(\kappa, \phi)$
$\phi \sim \text{InvGamma}(\nu_\phi/2, \nu_\phi \phi_0/2)$
$\kappa \sim \text{Normal}(\mu_\kappa, \sigma_\kappa^2)$
$\lambda_j \sim \begin{cases} 1, & \text{if } j = 1 \\ \text{Normal}(\mu_\lambda, \sigma_\lambda^2), & \text{otherwise} \end{cases}$
$\tau_j \sim \text{Normal}(\mu_\tau, \sigma_\tau^2)$