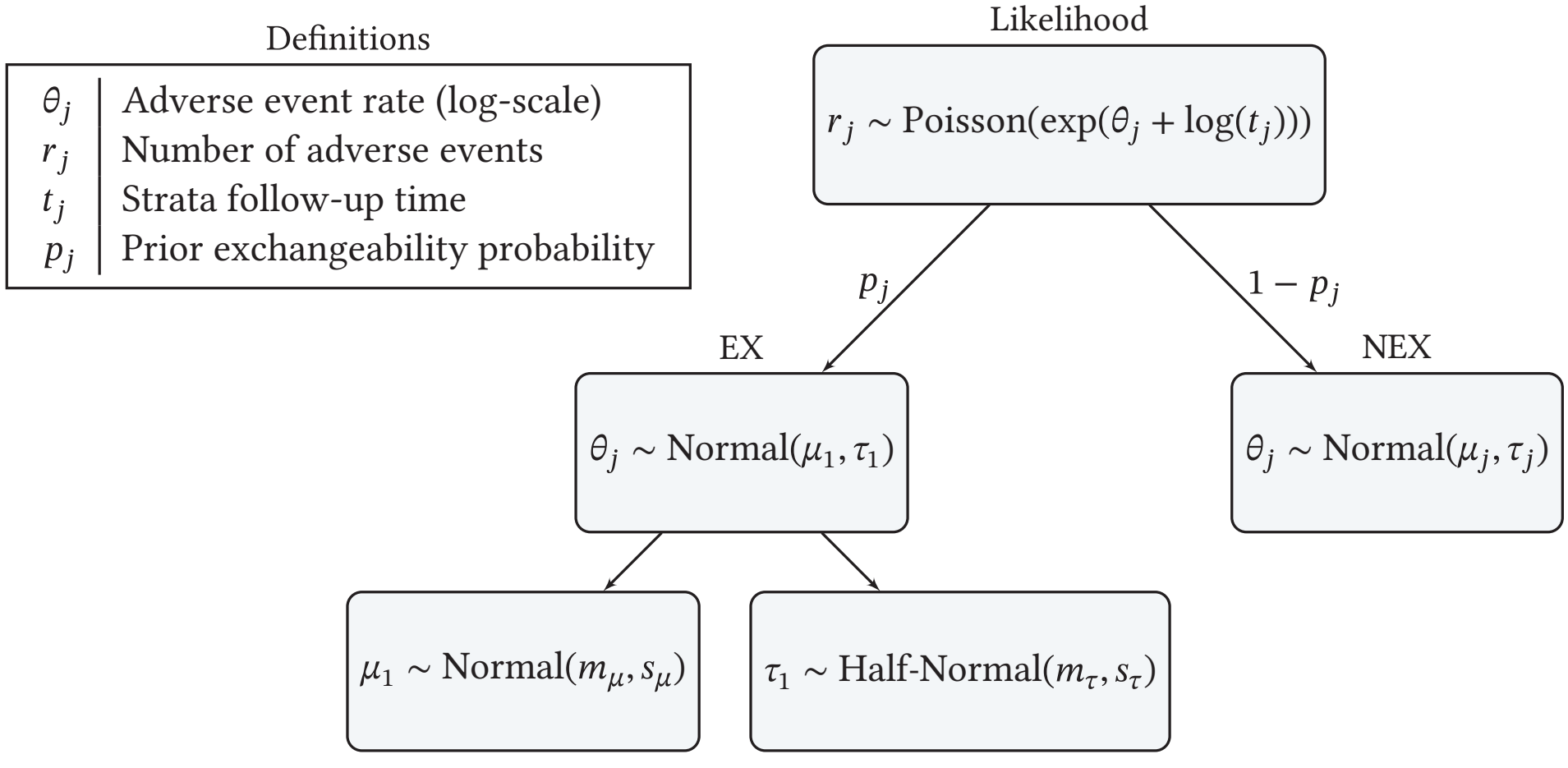
Definitions
$\theta_j$ Adverse event rate (log-scale)
$r_j$ Number of adverse events
$t_j$ Strata follow-up time
$p_j$ Prior exchangeability probability
Likelihood
$r_j \sim \text{Poisson}(\exp(\theta_j + \log(t_j)))$
$p_j$
$1 - p_j$
EX
NEX
$\theta_j \sim \text{Normal}(\mu_1, \tau_1)$
$\theta_j \sim \text{Normal}(\mu_j, \tau_j)$
$\mu_1 \sim \text{Normal}(m_\mu, s_\mu)$
$\tau_1 \sim \text{Half-Normal}(m_\tau, s_\tau)$