

$$N_n(t) = \prod_{k=1}^{n-1} \gamma_k \left\{ Y_m \left[\frac{1}{\prod_{l=1}^n \beta_l} - \sum_{j=1}^n \frac{e^{-\beta_j t}}{\prod_{i=1, i \neq j}^n (\beta_i - \beta_j)} \right] + N_0^1 \sum_{j=1}^n \frac{e^{-\beta_j t}}{\prod_{i=1, i \neq j}^n (\beta_i - \beta_j)} \right\},$$