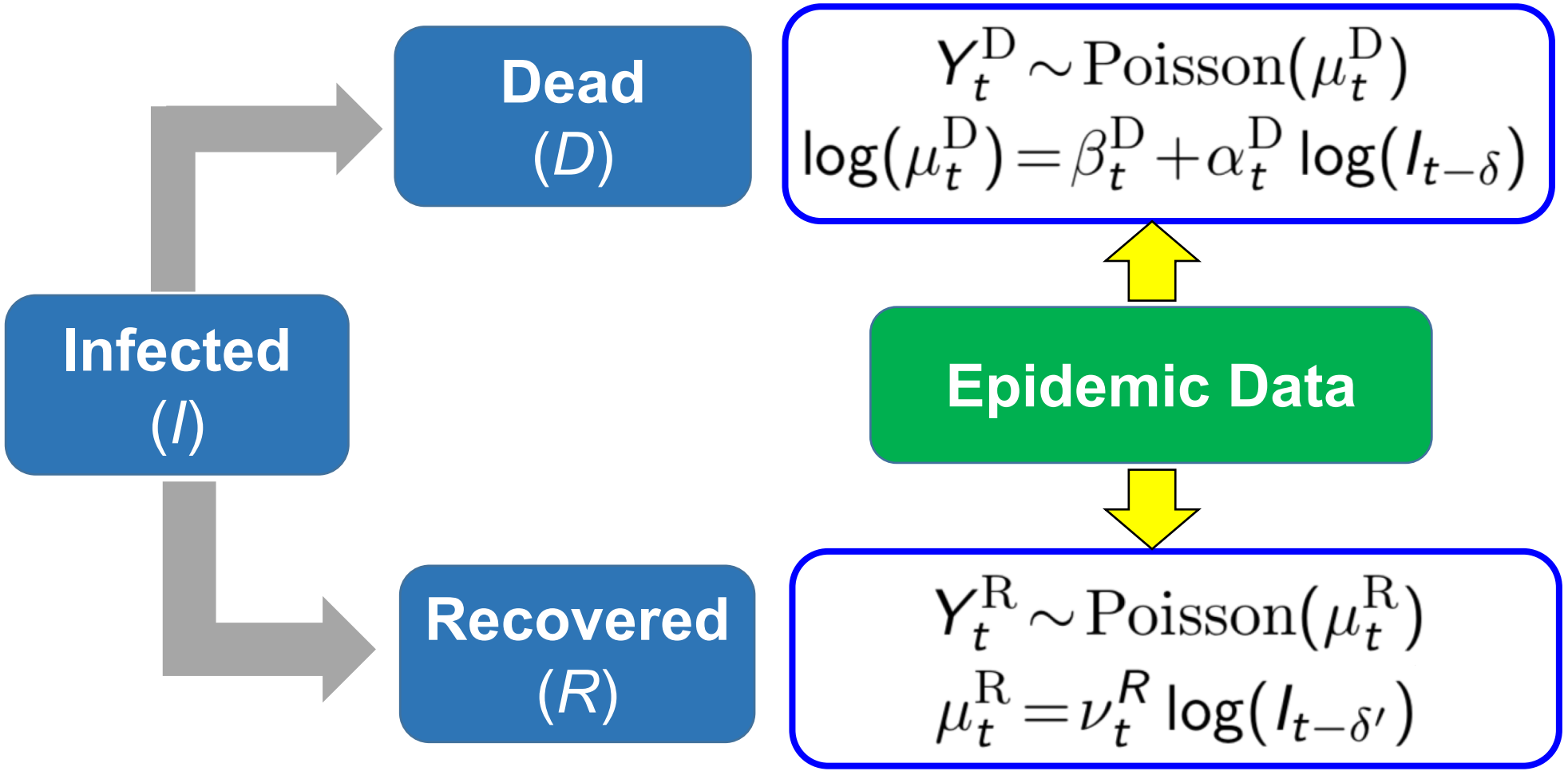
Dead
(D)
Infected
(I)
Recovered
(R)
$Y_t^{\mathrm{D}} \sim \mathrm{Poisson}(\mu_t^{\mathrm{D}})$
$\log(\mu_t^{\mathrm{D}}) = \beta_t^{\mathrm{D}} + \alpha_t^{\mathrm{D}} \log(I_{t-\delta})$
Epidemic Data
$Y_t^{\mathrm{R}} \sim \mathrm{Poisson}(\mu_t^{\mathrm{R}})$
$\mu_t^{\mathrm{R}} = \nu_t^{R} \log(I_{t-\delta'})$