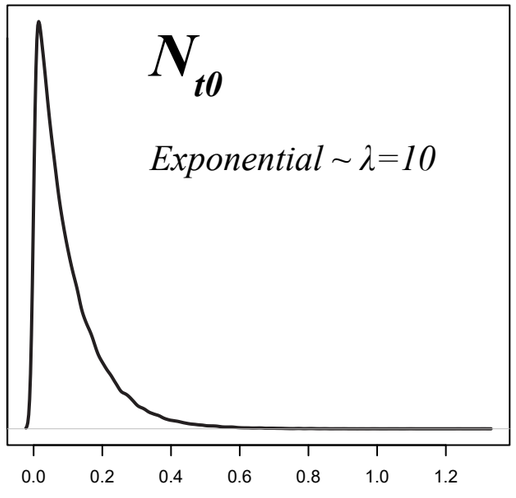

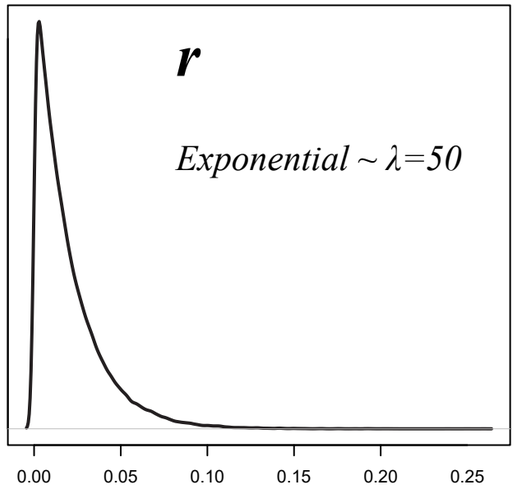

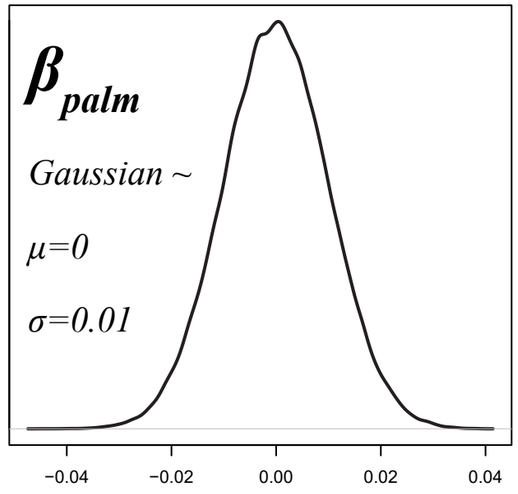

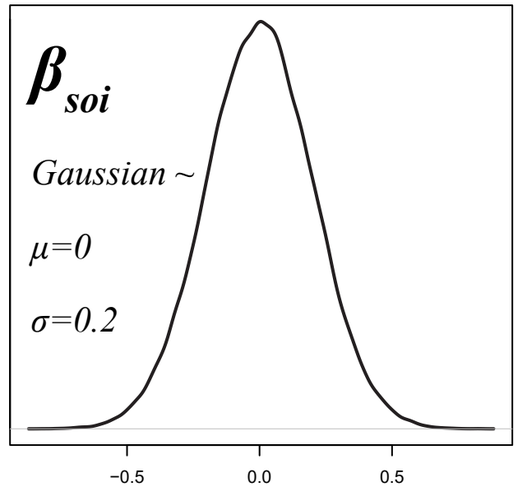

$$K_{t-1} = exp(\beta_{palm} F_{t-1} + \beta_{soi} C_{t-1})$$

$$N_t = N_{t-1} * e^{r*[1-(N_{t-1}/K_{t-1})]}$$

$$N_t \rightarrow P_t$$