

Parameters

- ν (total) birth rate
- μ *per capita* background mortality rate
- ν_t proportion successfully vaccinated
- β transmission coefficient
- σ progression rate
- α disease-induced mortality rate
- ε (total) case importation rate
- p_t proportion vaccinated
- f vaccine efficacy

What level of vaccination is needed to eliminate domestic dog rabies in Tanzania?

State Variables

- S** Susceptible
- E** Exposed (infected)
- I** Infectious (symptomatic)
- V** Vaccinated (immune)

