Variation in $\mu$ (years of sexual activity before age 26)

Proportion of adults vaccinated

Disease eradication

Disease persists

Variation in $\gamma_c$ (optimal age of vaccination)

Proportion of adults vaccinated

Disease eradication

Disease persists

Variation in $\beta_M$ (transmission probabilities * birth rates) $\times 10^{-4}$

Proportion of adults vaccinated

Disease eradication

Disease persists

Variation in $\nu_C$ (years of survival from childhood)

Proportion of adults vaccinated

Disease eradication

Disease persists