

Select model type ⁱ

Deterministic Homogeneous COMP

Download parameters

Upload parameters

Load pre-defined parameters

Specify details of the model parameters below.

Select infection states to consider ⁱ

Current selection

S, I_s, R

All infected units recover from infection

Removed units are not replaced (closed population selected)

A unit which recovered from infection remains immune until removed

Edit

Define host population features ⁱ

Current selection

Population size = 100

Closed population

Edit

Define infection and transmission features ⁱ

Current selection

Number of infected units at start of simulation = 1

Daily number of effective contacts per unit = 0.4

Length of symptomatic infectious period (days) = 10

Frequency-dependent transmission

Edit

Choose control strategy ⁱ

Visualisation

Data Table

The graph shows the number of units in each infection state over time. The time is expressed in days on the x-axis. Click on the infection states below to select or unselect them.

Roll over the lines to get the number of units per infection state for a given time.

