Adjustment for Website Code

Let be the “effective” number of the elderly in the susceptible population without outflow of newly infected:

where is the initial population of the elderly.

Let be the share of “effective” number of the elderly in the susceptible population without outflow of newly infected:

Then, the simulated mortality(severity) rate at tine is given by the following equation:

where is the adjustment parameter, which can be different for the mortality rate and the severity rate.

Obtaining parameter