(a) Without NPI   **(b)** With NPI

FIGURE 1 Reduction of the number of infections due to NPI. Infected individuals are represented in blue, and symptomatic/presymptomatic in orange. (a) Without NPI, four infections occur. (b) With NPI, a proportion $v = 0.5$ of individuals is isolated (shaded area). The number of infection is reduced to $(1 - v)^2 = 0.25$ of the number of original number of infections.