Supplementary file 2

System of Ordinary Differential Equations describing HCV transmission and aging in Thailand

Individuals alive **AL**:

Total population:

Total infected individuals ***I***:

Transmission matrix (beta) 𝔹:

Force of infection :

Prevalence (%):

Ordinary Differential Equations:

Key:

Vectors of length 21: ***μ, σ, F0*** etc.

Matrices of dimension 21x21: 𝔸, 𝕃, 𝔹 etc.

Scalar parameters: *f0f1, sens, cureC1* etc