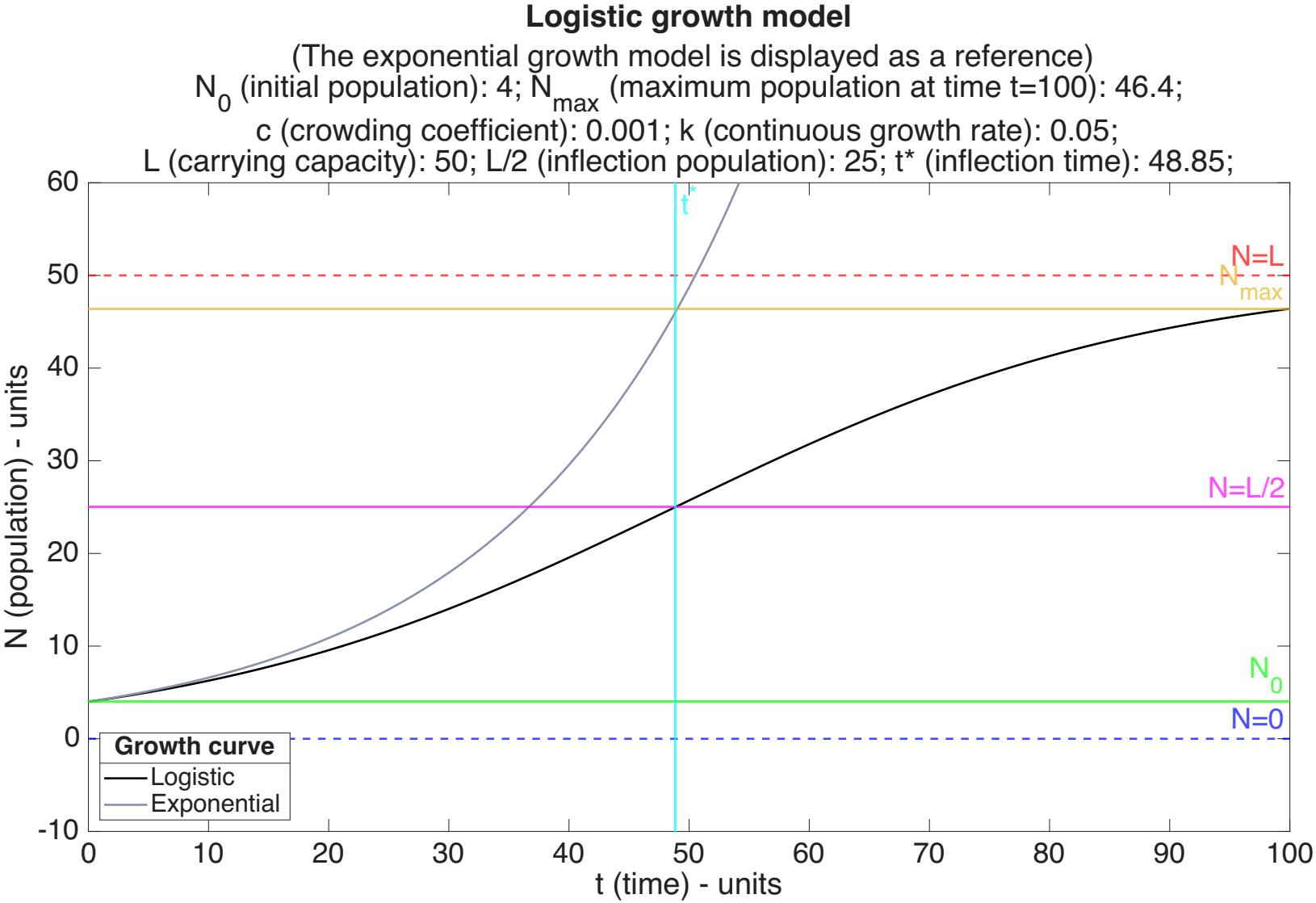
Logistic growth model
(The exponential growth model is displayed as a reference)
N0 (initial population): 4; Nmax (maximum population at time t=100): 46.4;
c (crowding coefficient): 0.001; k (continuous growth rate): 0.05;
L (carrying capacity): 50; L/2 (inflection population): 25; t* (inflection time): 48.85;
N (population) - units
t (time) - units
t*
N=L
Nmax
N=L/2
N0
N=0
Growth curve
Logistic
Exponential
60
50
40
30
20
10
0
-10
0
10
20
30
40
50
60
70
80
90
100