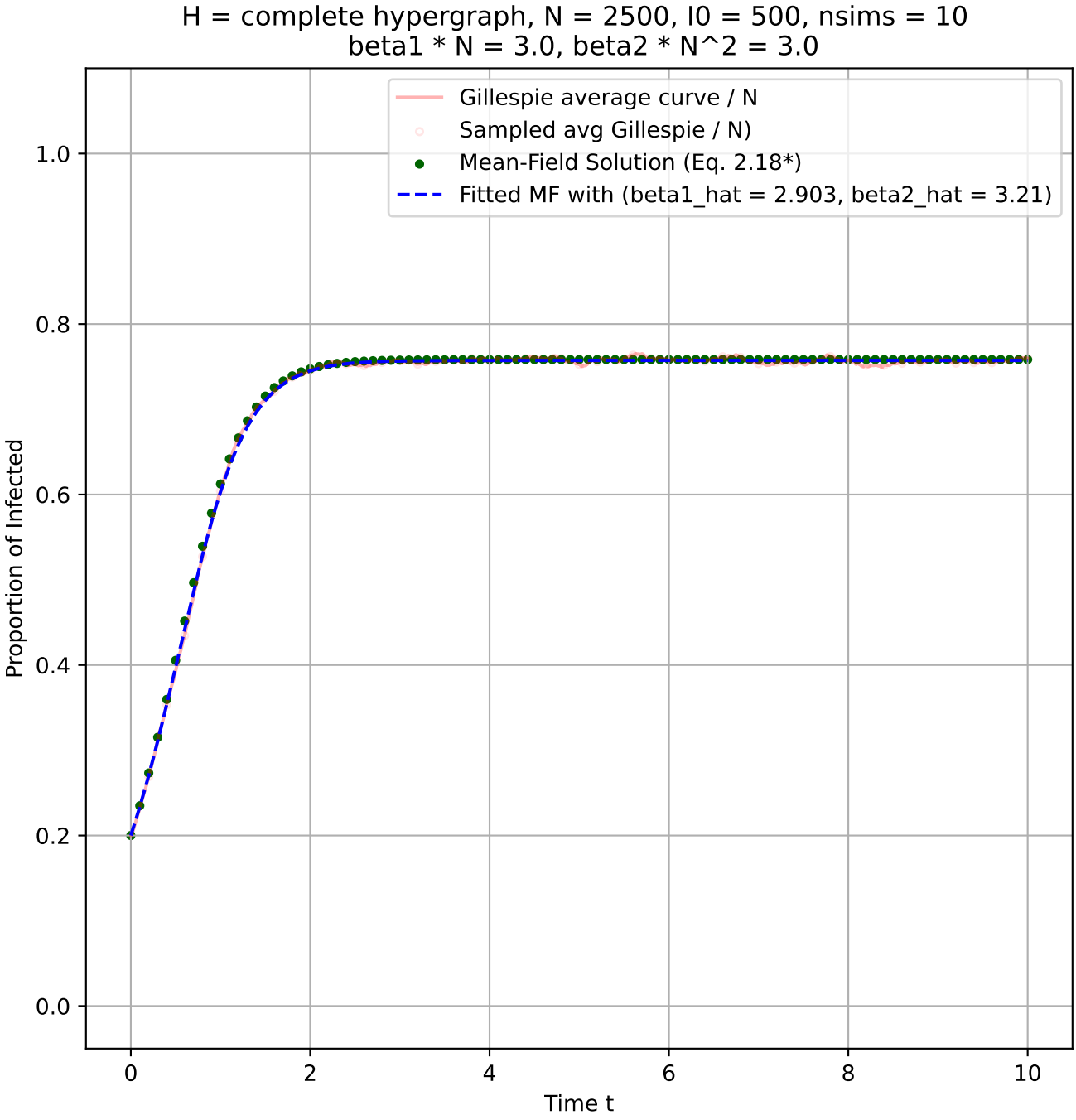
H = complete hypergraph, N = 2500, I0 = 500, nsims = 10
beta1 * N = 3.0, beta2 * N^2 = 3.0
Gillespie average curve / N
Sampled avg Gillespie / N)
Mean-Field Solution (Eq. 2.18*)
Fitted MF with (beta1_hat = 2.903, beta2_hat = 3.21)
Proportion of Infected
Time t
0.0
0.2
0.4
0.6
0.8
1.0
0
2
4
6
8
10