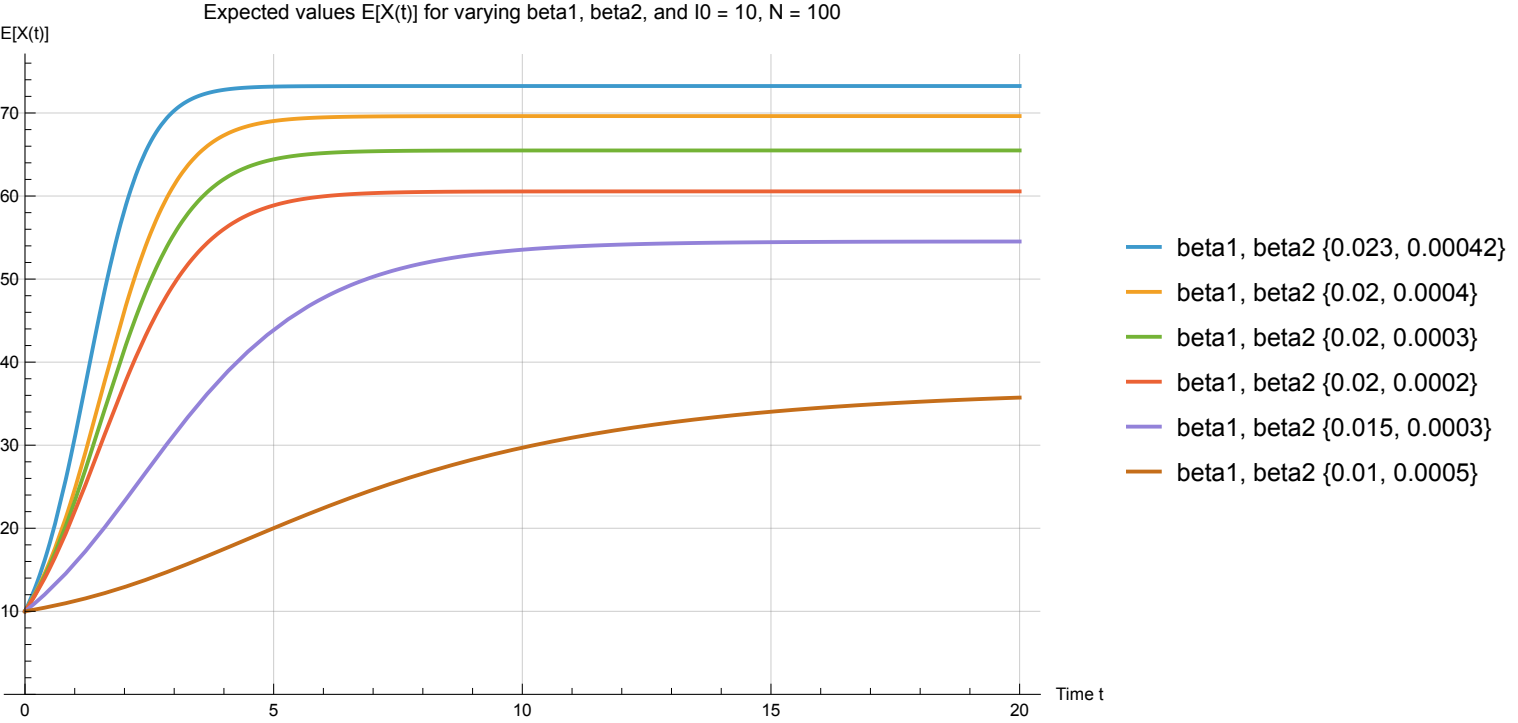
Expected values E[X(t)] for varying beta1, beta2, and I0 = 10, N = 100
E[X(t)]
70
60
50
40
30
20
10
0
5
10
15
20
Time t
beta1, beta2 {0.023, 0.00042}
beta1, beta2 {0.02, 0.0004}
beta1, beta2 {0.02, 0.0003}
beta1, beta2 {0.02, 0.0002}
beta1, beta2 {0.015, 0.0003}
beta1, beta2 {0.01, 0.0005}