DQN visualization

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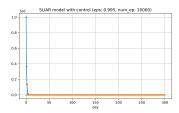
Case 1

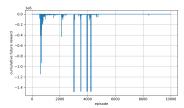
Initial

max time: 300

epsilon start: 1

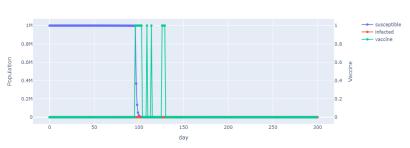
epsilon decay: 0.995

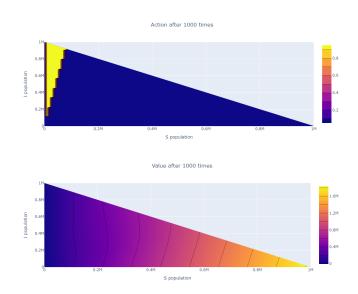




After 1000 episodes learning:

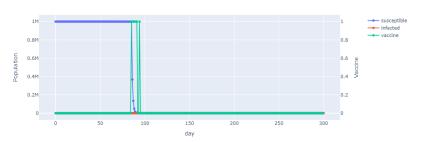


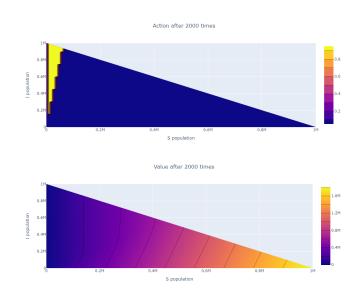




After 2000 episodes learning:

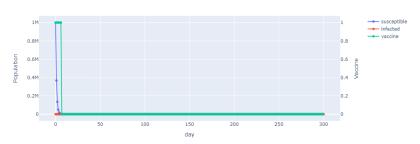
-2300.37: SLIAR model with control - 2000

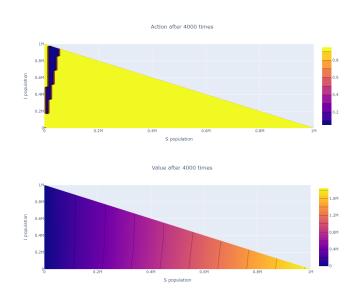




After 4000 episodes learning:

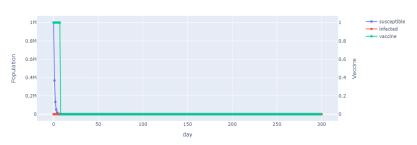
-11.23: SLIAR model with control - 4000

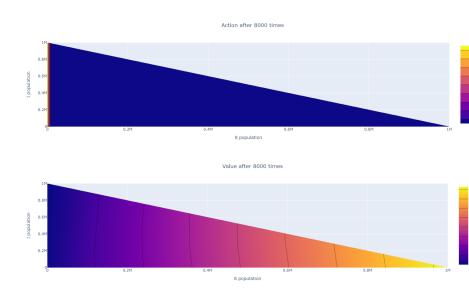




After 8000 episodes learning:

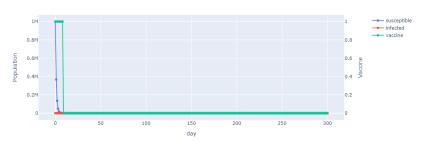


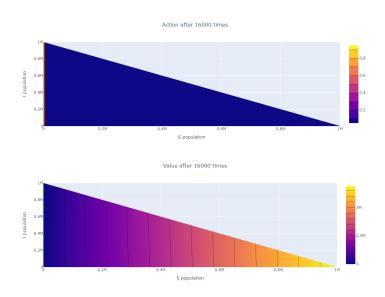




After 16000 episodes learning:







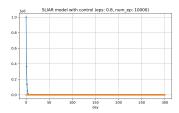
Case 2

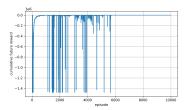
Initial

max time: 300

epsilon start: 1

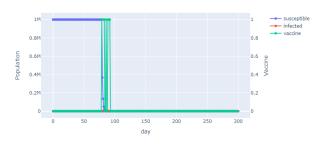
epsilon decay: 0.8

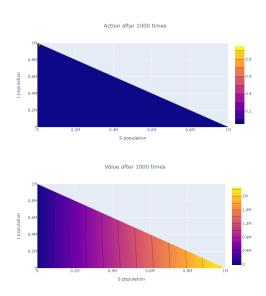




After 1000 episodes learning:

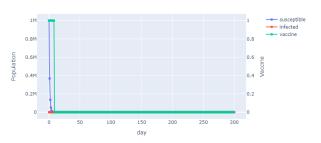
-1540.64: SLIAR model with control - 1000

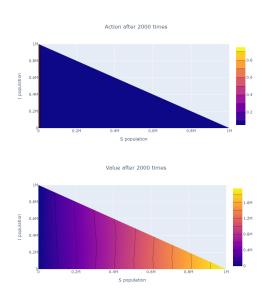




After 2000 episodes learning:

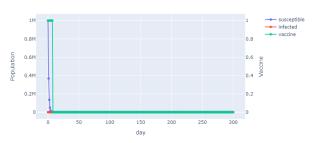


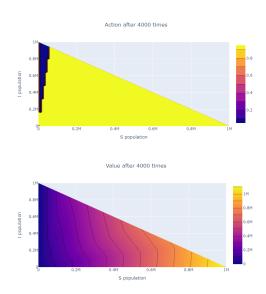




After 4000 episodes learning:

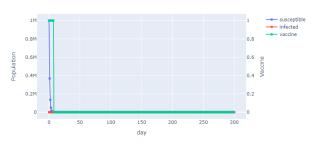


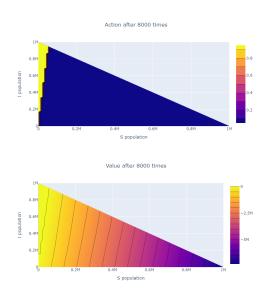




After 8000 episodes learning:







After 12000 episodes learning:



