

# DQN visualization

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# Initial condition

## SIR model

max time: 30

epsilon start: 1

epsilon decay: 0.995

epsilon end: 0.001

S0: 9990

I0: 10

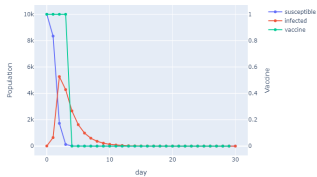
gamma: 0.5

beta: 0.0005, 0.0010

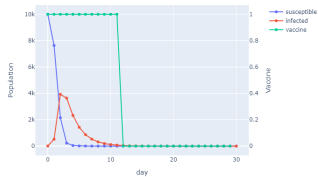
nu: 0.1, 0.2

# S, I, Vaccination

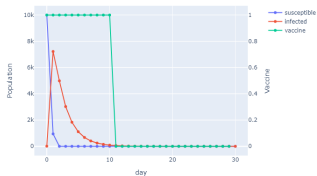
-17014.01: SIR model with control



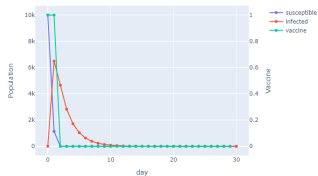
-14069.17: SIR model with control



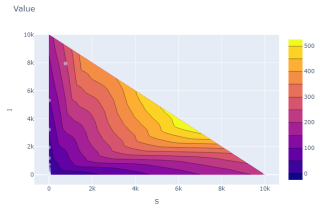
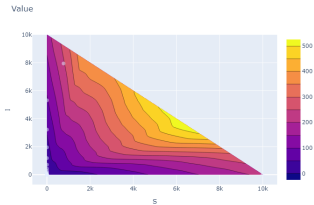
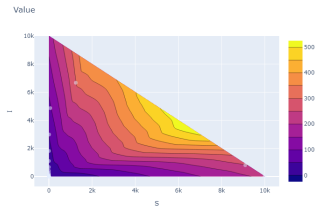
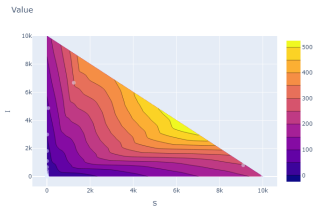
-19896.77: SIR model with control



-18309.22: SIR model with control



# S, I, Vaccination



# S, I, Vaccination

