Modeling and Simulation - Project abstract

Modeling MSEIRS with cellular automaton

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Abstract

We will try to model the MSEIRS epidemic model with cellular automaton. MSEIRS model is used where there is a need to include birth factor in the epidemic model. After using different initial conditions as seed we will try to get the same behaviour as the differential equations'. We will discuss about the basic reproduction number and intial conditions of the automaton.

References

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