

# Assignment 8: Agent-Based Models

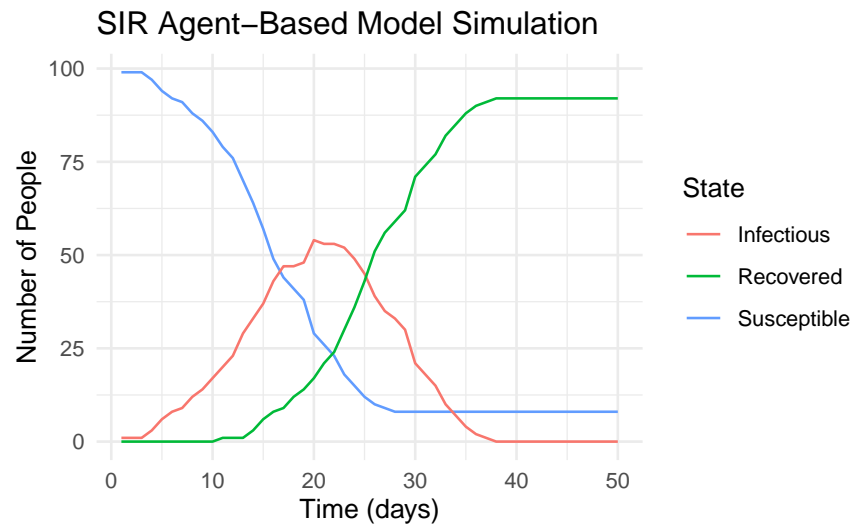
MinJae Jo

2025-10-16

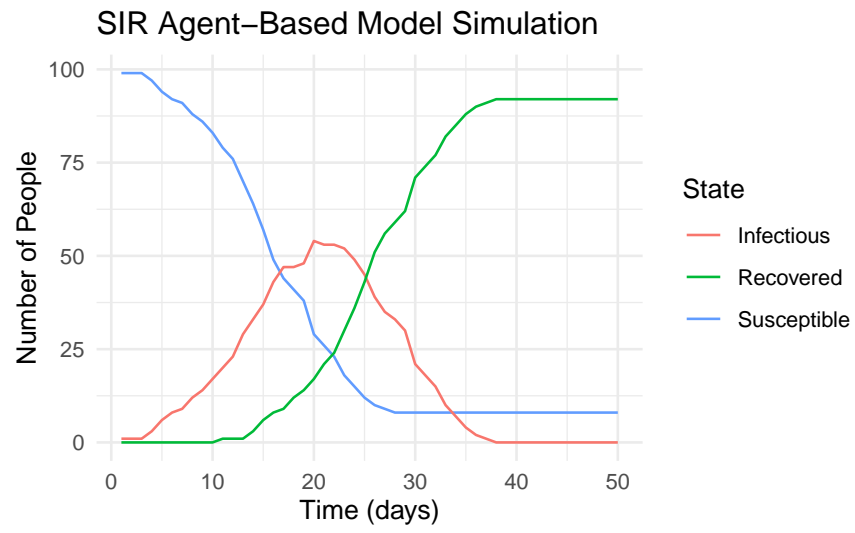
## Exercise 1

- i. S, I, R
- ii. `population_size = 100`
- iii. `time_steps = 50`

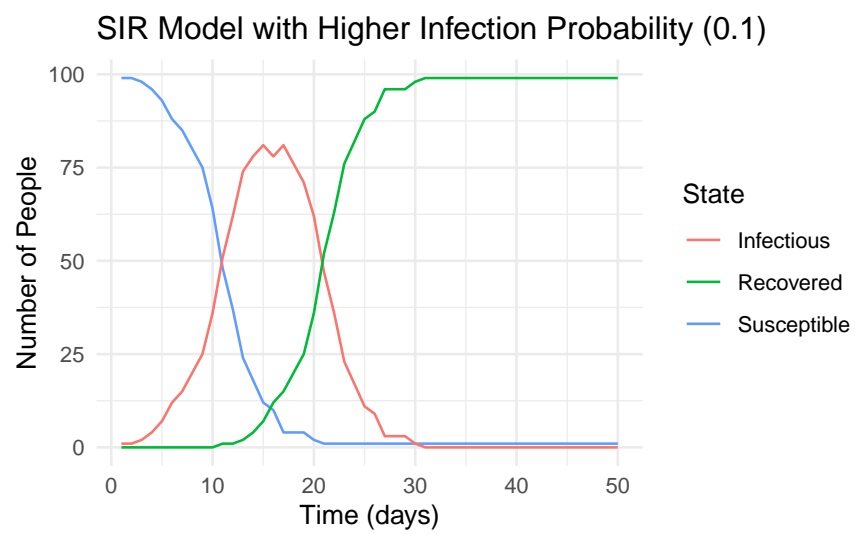
## Exercise 2



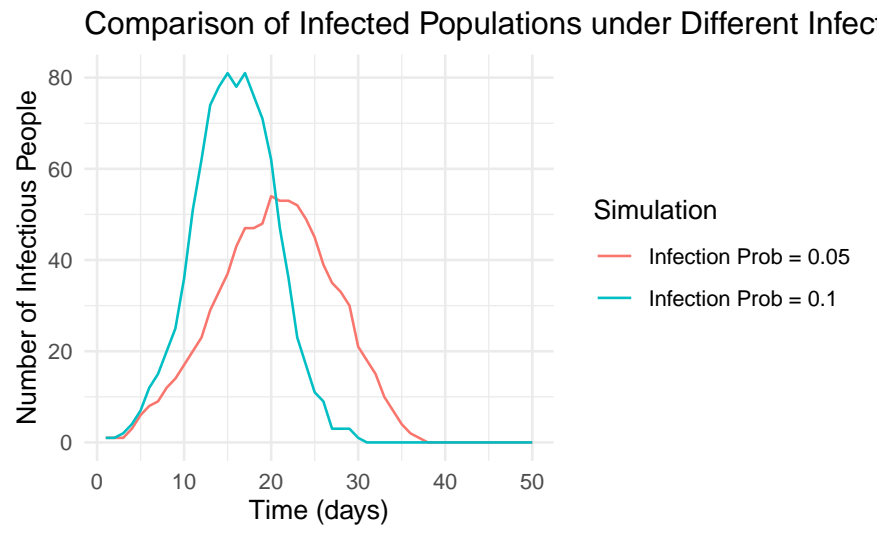
### Exercise 3



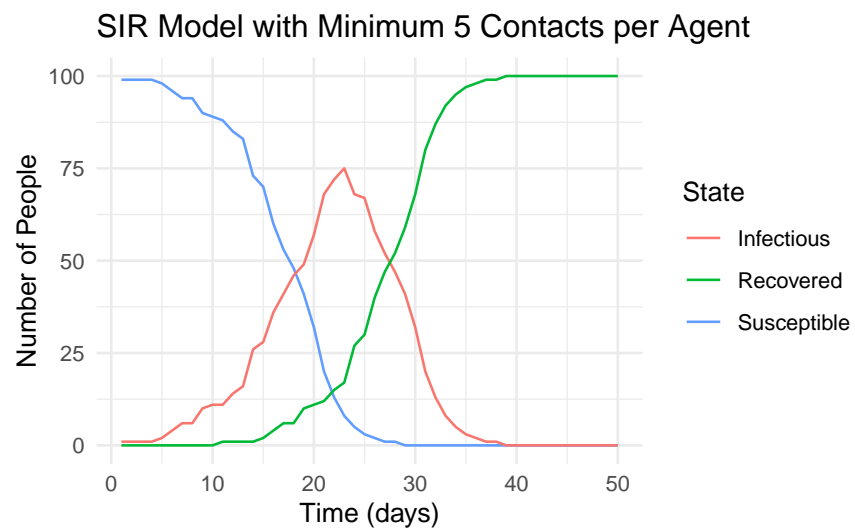
### Exercise 4



## Exercise 5



## Exercise 6



## Exercise 7

## Exercise 8

## Exercise 9