Post-Survey

Please complete this after you have played the single level prototype.

* Required

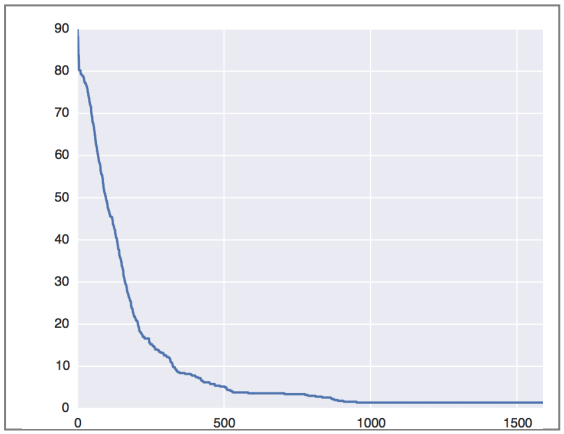
1. **How does the SIR model assume that susceptible and infected individuals eventually shift to the recovered population?** *

   Mark only one oval.

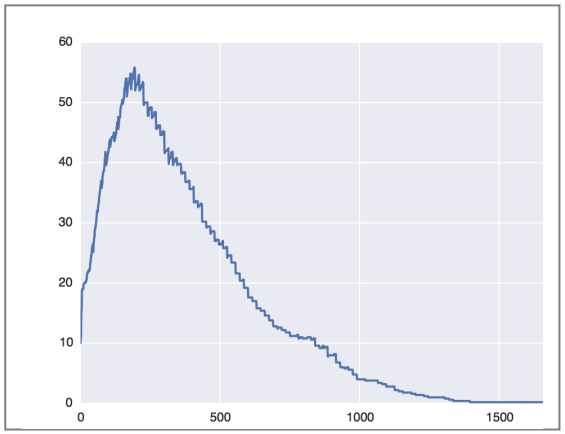
   - Death
   - Natural Recovery
   - Vaccination
   - Quarantine
   - All of the Above

2. **What curve best represents the recovered population over time in an epidemic?** *

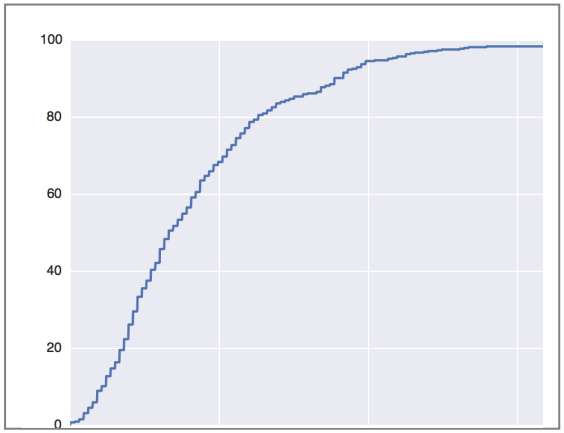
Mark only one oval.



Option 1



Option 2



Option 3

3. **For the SIR model, what type of mixing is assumed for the population?** *

Mark only one oval.

Heterogenous

Homogenous

4. **How is the relative contagiousness of the disease measured in the SIR model?** *

Mark only one oval.

- ◯ The number of close contacts per infected individual
- ◯ Rate of change between susceptible to infected
- ◯ Rate of change between infected and recovered

5. **How would you expect the number of susceptible individuals to change over time during an epidemic using the SIR model?** *

Mark only one oval.

- ◯ Increase
- ◯ Decrease
- ◯ Stay Fixed
- ◯ Increase then decrease
- ◯ Decrease then increase

6. **True or False: Population density DOES NOT play a role in the spread of a disease?** *

Mark only one oval.

- ◯ True
- ◯ False

7. **How would you expect the number of infected individuals to change over time during an epidemic using the SIR model?** *

Mark only one oval.

- ◯ Decrease
- ◯ Stay Fixed
- ◯ Increase then decrease
- ◯ Increase
- ◯ Decrease then increase

8. **What is the size of the infected population like at the peak of an epidemic?** *
Mark only one oval.

- ◯ Relatively low compared to total population
- ◯ Relatively high compared to total population
- ◯ Relatively average compared to total population

9. **What is herd immunity?** *
Mark only one oval.

- ◯ When there are no longer enough susceptibles in the population to spread the disease
- ◯ When there are no infected individuals left to spread the disease
- ◯ When enough individuals are recovered to reduce the spread of disease

10. **What assumption does the SIR model make in regards to population size?** *
Mark only one oval.

- ◯ Increase
- ◯ Decrease over time.
- ◯ Stays fixed.

11. **How would you rate your understanding of epidemics after playing this game, in terms of what you understood before?** *
Mark only one oval.

	1	2	3	4	5	
Very little	◯	◯	◯	◯	◯	A lot

12. **How would you say playing this game changed your understanding of the SIR model** *
Mark only one oval.

- ◯ Option 1

13. **Did you feel like the game conveyed some information in regards to the spread of diseases?** *

14. **Were there any game mechanics that you didn't understand or were poorly explained?** *

15. **Do you feel that there are improvements that could be made to the game?**

16. **Were there any bugs you encountered? If so, do you recall what happened?**

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