Post-Survey

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

* Required

1. **How would you expect the number of susceptible 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

2. **For the SIR model, what type of mixing is assumed?** *
   Mark only one oval.
   - ◯ Homogenous
   - ◯ Heterogenous

3. **True or False: At each stage of an epidemic, adding the number of susceptible, infected, and recovered individuals will always equal to the total population.** *
   Mark only one oval.
   - ◯ True
   - ◯ False

4. **How is the relative contagiousness of the disease measured in the SIR model?** *
Mark only one oval.

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

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

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

6. **True or False: On average, some fraction of the infected population will shift over to the recovered population each day.** *
Mark only one oval.

- ◯ True
- ◯ False

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

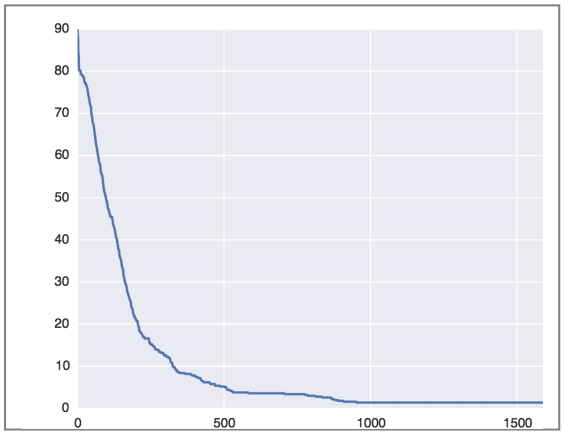
- ◯ Relatively high compared to total population
- ◯ Relatively low compared to total population
- ◯ Relatively average compared to total population

8. **How does the SIR model assume that susceptible and infected individuals eventually shift to the recovered population?** *
Mark only one oval.

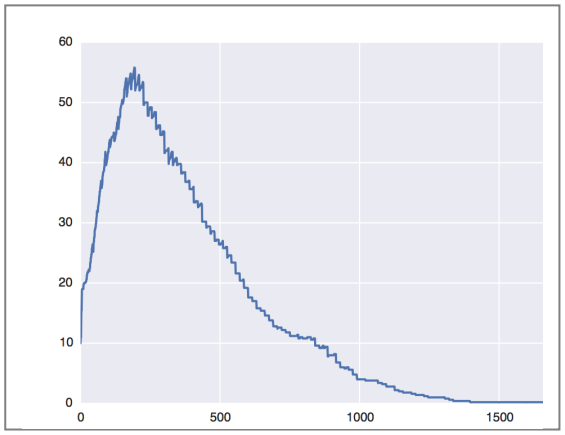
- ◯ Vaccination
- ◯ Death
- ◯ Natural Recovery
- ◯ Quarantine
- ◯ All of the Above

9. **What curve best represents the susceptible population over time in an epidemic?** *

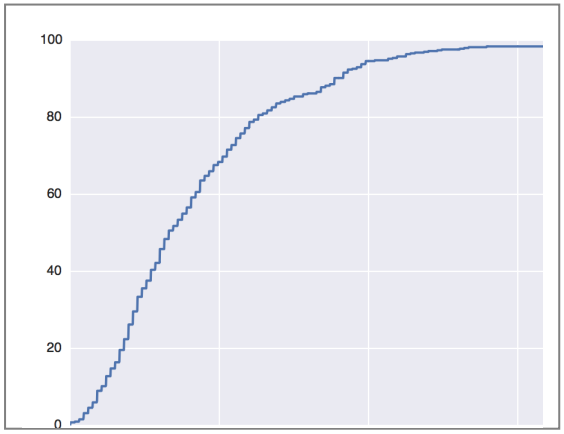
Mark only one oval.



Option 1



Option 2



Option 3

10. **What is the amount of recovered individuals dependent on?** *

Mark only one oval.

Amount of susceptible individuals

Amount of infected individuals

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

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

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

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

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