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.

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

2. **What is the point of vaccination?**
   Mark only one oval.

   - ◯ To create herd immunity by reducing the number of susceptible individuals without actually giving those people the disease
   - ◯ To reduce the number of infected individuals
   - ◯ To increase the number of recovered individuals

3. **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

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

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

5. **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

6. **How would you expect the number of infected 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

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. **What is the amount of recovered individuals dependent on?** *
Mark only one oval.

- Amount of susceptible individuals
- Amount of infected individuals

9. **True or False: This model assume that there are a fixed number of contacts for each infected individual?** *

Mark only one oval.

- ◯ True
- ◯ False

10. **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

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.

	1	2	3	4	5	
Not at All	◯	◯	◯	◯	◯	A lot

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?**