

BISC 204, Lab 5A

Group A, Human-Ectoparasite Model: Sophia, Jennifer, Lorrie, Veronica

Group B, Pneumonic Plague Model: Toska, Abby, Danielle, Alondra

Group C, Rat-Flea Model: Irina, Jenn, Hannah, Lauren

Lab 5A Group Objectives:

1. Discuss the questions that you and your peers had in response to the article, paying particular attention to questions that relate to your group's model. Keep track of resolutions and questions that remain confusing or produce new questions.
2. Go through the equations, terms, and parameters within your model, and produce a graphic that outlines the equations.
3. Discuss how the different pieces of the equations and parameters would impact the dynamics of your model.
4. Prepare to present your model to the rest of the class (5-minute presentation, max)

Lab 5B Preliminary Group Objectives:

1. Produce R code to investigate the dynamics of your model.
2. Choose at least one parameter that is biologically interesting to you, alter its value, and describe the resulting impacts on the system dynamics.