BIOL 5860/6860 – Bioinformatics – GP Step 6

Step 5 analysis evaluation

Group evaluated: Salmonella Project

Your name: _____

Please provide a thorough review based on the group's Github Repository from Step 5.

How useful is the main *Readme.md* file in aiding your understanding of the group's analysis this semester?

Main readme is excellent. Informative, well-organized, concise, and meets all of the grading criteria. The chicken vomiting a rainbow adds a little bit of spice. Description of project is linked as a text file. This may be more accessible to read if uploaded as a readme in markdown instead

Based on the rubric for the final GitHub for the class, what elements need the most improvement for the final product?

Full github meets grading criteria. However, individual step readmes may be more informative/better organized if the figures were embedded as images for each step. Alternatively, figures uploaded could have different names to be more descriptive

How detailed are the scripts provided? Do the comments help you to understand what they did?

Scripts are well-annotated with comments explaining each step

How useful are the graphics that have been included? Are they effective?

The graphics used are useful images. These images may be more effective if they were embedded in the readmes with some caption/description

Based on the Step 5 README page for this group, what are some analyses that the group did not do that you'd like to see added? Or perhaps some ways of visualizing their current results? Feel free to sketch them out below.

This study would feel complete with the addition of a phylogenetic tree, addressing the original question. It may also be interesting to explore whether or not variants across different samples influence bacterial functionality in a manner that influences virulence

On a scale of 1-10 with 5=average, 10=truly exceptional:

Rank the organization of the group's Github repository _ 9

Rank the group's overall analysis and results for Step 5 _ 5

Thank you for your thoughtful comments and suggestions