BIOL 5860/6860 – Bioinformatics – GP Step 6 Step 5 analysis evaluation

Group evaluated: Team Salmonella

Your name: Anon

***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?

* General parameters for samples are listed which is a plus, but what is particularly helpful is the guide that lists the experimental workflow and each sub-objective for each step. While a simplified version of the introductory knowledge that led to the development of this pipeline would have been nice on the home page, I believe this group has a good setup. I would have liked to see links to the GP step folders or Readme.md files on the home page, however.

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

* Readme.md files for each step are not linked on the home page yet, so that is something that could be fixed. GP step reports are well organized, however! Another thing that could be improved for the repository is a GP step 5 report that links the importance of the other steps to the overall project and the conclusions that we could draw from your data thus far.

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

* Scripts are well commented and easy to follow. Commands and functions are explained clearly as to what they do and their overall significance. Great job!

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

* The graphics are useful thus far and give a great depiction of the data. The only thing that I could potentially “nitpick” about the graphs is that some of them utilize the same color for each bar, making it difficult to easy distinguish each sample.

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.

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

Rank the organization of the group’s Github repository: 8

Rank the group’s overall analysis and results for Step 5:

Step 5 was not documented by this group, however, there seems to only be a little support as to the relevance of this project to answering the question that they have inquired about. Additionally, there seem to be no conclusion that have been drawn about the data thus far. Therefore, I will give this analysis a 4 for the time being.

***Thank you for your thoughtful comments and suggestions***