Weekly Log 5

This week was focused on writing the paper for the project and recording the video. I made a few final touches to the program, including adding/removing the layer legends as the layers are added and removed from the map. I also examined the analysis at levels k-values from 1.5 to 2.5 to examine r2 and the residuals to make my final determination of how well a relationship was established between the two variables.

As I wrapped up project one, I think that there are a few lingering issues I’d like to solve. First, I didn’t get to add a light/dark theme switcher like I originally intended. I have only a dark theme available. Second, I didn’t make the website mobile-responsive. I would like to do that in the future. I also didn’t find a way to save the map.

One of the greatest disappointments from this project was using a stack that I was comfortable using from previous classes. I had a chance to use leaflet, html, css and bootstrap in other classes. I incorporated new libraries with turf and simple statistics, but that wasn’t greatly exciting. I had originally wanted to code the solution in Python, and I’m upset that I couldn’t get QGIS to work well. Moving forward, I will try to solve the problem with python during my free time.

I haven’t yet had a chance to look at project 2, but I chose the same delivery method as I did for project 1 because I think that my work patterns don’t really allow for offering a beta version and a final version.