10/14/2023

Agreagar lat and log to the bat2021\_v2 data base.

Then calculate the predictos matrix for the population analysis section.

10/15/2023

I tried copying the lat and log but there seems to be a problem as points are not plotting properly. There might be problems with the coordinates. Update: I tried again and the elevatr package loaded and worked. However I didn’t displayed any elevation.   
I tried the package raster and plotted the DEM for Idaho and was able to obtain elevation for each site.

For the population analysis I want to include moon phase, moon illumination, elevation, riparian veg.

The riparian vegetation I will calculate with the NDVI. Unfortunately, is not working as it is. I am using a code that is in the cleanup script. ChatGPT help me generate it but still not working well.