

Lamb, Robert; Smith, Franz; Witman, Jon (2020), Consumer mobility predicts impacts of herbivory across a wave stress gradient, Dryad, Dataset, <https://doi.org/10.5061/dryad.v6wwpzgqx>

I was attempting to recreate figure 3a. I initially thought that this was going to be an easy process because the code was readily available. When I first tried running the code it seemed as though it had worked well, and I was able to see some of the figures in the paper. This led me to believe that the code was in good working order. As I started working on it in more depth, I realized there were some major problems with the code. The first issue is the working directory was specified for the authors computer. The code was convoluted and not well commented. As I started breaking down the code to see if I could get figure 3 to run properly it became apparent that there were issues all through the code. There were data frames that the code called in that didn't exist, and when I went through and tried to fix it, I was unable to make the proper changes. There were sections of code that tried to make tibbles out of data frames with different numbers of columns. I was unable to solve the issues with the code and failed in my attempt to recreate figure 3.

To find the work I have done on this project click on the file Lamb-et.al. Inside that file You will find a file Lamb\_et\_al\_2019. The RMD file figure 3 is the work I did on the project. The original code for the paper (with some attempted edits) can be found at Lamb\_et\_al\_2019\_code.R.