

Attempt 1 Feedback

Samuel Ward (ward.1792) at Tue Sep 10, 2024 10:39pm at Tue Sep 10, 2024 10:39pm

Interesting! And glad to see y'all went and found a database/dataset for analysis! This analysis seems a bit more in Kayla's expertise than mine, so she might have additional/better insights...but I am curious if there are functional groups you might consider (vs. "just" genus). Maybe those data don't exist though...and I am NOT suggesting you compile them on your own! :) And I think you are suggesting that the database have different ways of expressing the arthropod counts...I'd just make sure that, after removing observations due to how they were recorded (if need be), that you still have enough data remaining for analysis. Overall, it seems like a feasible project and of an appropriate scope for this class. Lastly, please ensure to include all group members in the statistical analyses, even if just to share scripts and explain how things were coded/interpreted.

Kayla Perry (perry.1864) at Wed Sep 11, 2024 1:44pm at Wed Sep 11, 2024 1:44pm

Cool dataset, I just downloaded it to have a look. If you are going to subset the data based on units, my suggestion would be to use number of individuals. But as Sam mentioned, you will have to check whether you have enough replication by plant genera. You could look at numbers of each arthropod group by plant species. Other options include calculating some diversity metrics to look at the communities of arthropods by plant genera. Happy to chat more as you continue thinking about this.