

Overall, nice job! A few things to consider moving forward:

1. Consider how you could focus on answering one question. You all have more than you need here to meet the requirements of this project. Our suggestion is to focus only on the count data, and run three models to assess: species richness, and the counts of the two most abundant groups (ants and flies) among plant predation strategy. Species richness would provide some information on whether a predation strategy is more specialized on a few insect groups or can capture a diverse suite of arthropods (i.e., could say something about specialist vs generalist approaches of the plants). However, if you are set on using the proportion data, be clearer about how you will set up the data/do the calculations for those studies that have counts. If you want to chat about this, let us know!

2. If you all plan to stick with the count data, we agree that a mixed-effects model with a Poisson distribution would be the way to go. Are you planning to include plant genera in the model? Could be fit as a random intercept.

- Kayla Perry