

Progress Report: Back-Up Paper

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Current Status: *Data is in R, holding on this as I focus back on the primary paper*

When it was unclear if I could find data for my primary article, I found the data [1] for a similar article associated with a similar study [2] on the lab group's online database. The authors ran a principal coordinate analysis (PCO) ordination using the R Package TITAN (Threshold Indicator Taxa Analysis) [3].

2 weeks ago in class, I focused on getting this data into R, which required manually removing special characters from the column headers in the data.

Now that I have data and some guidance for the primary paper, my focus has turned back thataways.

References

- [1] Mazzei, V., E. Gaiser. 2018. Periphyton, hydrological and environmental data in a coastal freshwater wetland (FCE), Florida Everglades National Park, USA (2014-2015). Environmental Data Initiative. <https://doi.org/10.6073/pasta/4e6dc2b1aab5c02c224a27c2eaff2e82>. Dataset accessed 2020-09-28.
- [2] Mazzei, V., & Gaiser, E. (2018). Diatoms as tools for inferring ecotone boundaries in a coastal freshwater wetland threatened by saltwater intrusion. *Ecological indicators*, 88, 190-204. doi:10.1016/j.ecolind.2018.01.003
- [3] Baker, M. E. (2010). A new method for detecting and interpreting biodiversity and ecological community thresholds. *Methods in Ecology and Evolution*, 1(1). doi:10.1111/j.2041-210X.2009.00007.x