

Introduction to Ecological Analysis in **R**: Problem Set for Day 3

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today

Using the community dataset that we used in Day 2 (*CommData.csv*), conduct the following analysis:

1. Set the working directory to your data folder and load the data, *CommData.csv*
2. Check that we adequately sampled the community with a species accumulation curve
3. Obtain and test for the effect of our group variable, "env", on species richness and both Shannon's and Simpson's diversity indices
4. Produce an ordination plot
5. Test for the effect of "env" on community composition using the `mrpp` command in the *vegan* package