

Literature

2023-09-29

Some references

- For an overview of codyn, see:

Hallett LM, Jones SK, MacDonald AAA, Jones MB, Flynn DFB, Ripplinger J, Slaughter P, Gries C, Collins SL (2016) codyn: An R package of community dynamics metrics. *Methods in Ecology and Evolution*, 7(10):1146–1151. <https://doi.org/10.1111/2041-210X.12569>

- For a description of the newer spatial methods in codyn v2.x:

Avolio ML, Carroll IT, Collins SL, Houseman GR, Hallett LM, Isbell F, Koerner SE, Komatsu KJ, Smith MD, Wilcox KR (2019) A comprehensive approach to analyzing community dynamics using rank abundance curves. *Ecosphere*, 10(10):e02881. <https://doi.org/10.1002/ecs2.2881>

- https://rdr.io/cran/codyn/f/vignettes/Temporal_Diversity_Indices.Rmd

Examples

Finderup Nielsen, Tora, Kaj Sand-Jensen, Maria Dornelas, and Hans Henrik Bruun. “More is less: net gain in species richness, but biotic homogenization over 140 years.” *Ecology Letters* 22, no. 10 (2019): 1650-1657. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/ele.13361>

Baranov, V., Jourdan, J., Pilotto, F., Wagner, R., & Haase, P. (2020). Complex and nonlinear climate-driven changes in freshwater insect communities over 42 years. *Conservation Biology*, 34(5), 1241-1251. <https://conbio.onlinelibrary.wiley.com/doi/full/10.1111/cobi.13477>