1) Mean rank shift: indicates shifts in relative abundance over time.

-Collins et al. 2008

\*learn to calculate and graph rank abundance

2) Proportional persistence: quantifies relative species gains and losses from one year to the next.

-Collins et al. 2008

3) Time-lag analysis via community dissimilarity: quantifies and detects pattern of temporal variability.

- Collins et al. 2000

\*Instead of dissimilarity, what if CV is used? CV as indication of stability.

4) Species turnover

-Baselga 2010, Vellend 2001

\*Via beta-diversity or not? Requires presence/ absence data either way

5) Apparent rate of extinction and immigration

\* Just received code for this!

6) Species contributions: Degree of variation of species across a study site…over time

-Legendre and Caceres 2013

7) Community stability: mean of species cover/abundance divided by standard deviation over time

8) Hammond and Kolasa 2014

-Inter-patch synchrony: temporal changes that happen simultaneously between patches.

-Persistence of spatial variation: differences or gradients between patches that are retained over time.

\*temporal variance depends on the balance of these two