

Other Ordination Techniques Lecture 04

I. Objectives

At the ends of this series of lectures you should be able to:

- A. Define terms.
- B. Discuss the problems associated with PCA.
- C. Discuss detrending.
- D. Describe different ordination techniques, their advantages and when they are appropriate.
- E. Interpret basic ordinations.

II. Key Concepts and Terms

Arch Effect	Indirect Gradient Analysis
Bray Curtis Ordination	Linear
CA	Linearity
CANOCO	Local Optimum
Canonical Correspondence Analysis	Nonmetric Multidimensional Scaling
CCA	NMS
Correspondence Analysis	Outliers
DCA	PCA
DCCA	PCO
DECORANA	Polar Ordination
Detrended Correspondence Analysis	PO
Detrended Canonical Correspondence Analysis	Principal Components Analysis
Detrending	Principal Coordinates Analysis
Direct Gradient Analysis	RDA
Distances	Reciprocal Averaging
Eigenanalysis	Redundancy Analysis
Factor Analysis	Similarity
Horseshoe Effect	Unimodal