

Multivariate Statistics

Exercise 9

Shaun is scruffy looking. He also happened to do a project looking at carabid beetle community structure in CRP and rangeland fields. He collected and identified beetles (4368 individuals from 42 species) from 17 paired locations (34 sites total). He also collected point count plant data from the same locations to use to describe the environment. His community data (Exercise 9a.xlsx and the plant Exercise 9b.xlsx) are provided. Assume that the data has been properly screened and the assumptions of the CCA have been met. Perform a CCA and a NMDS. Interpret each one fully and then compare the resulting ordinations.