**In-class exercise**

Load “Example\_data.csv” and view the data.

There are 3 hypotheses you can test with this data. List them below:

1.

2.

3.

Build a statistical model that tests the above hypotheses, and graph the results. Sketch how the graph looks below.

Describe whether each result supports or contradicts its hypothesis from above (3 sentences, 1 for each result/hypothesis).

1.

2.

3.

Given that *E. globulus* is adapted to low nitrogen conditions, and *E. subcrenulata* is adapted to high nitrogen conditions, describe a take-home message from these results.