**Results Skeleton**

Introductory paragraph connecting results to golden thread.

EDA

* Box plot of bird totals over all the years (broken up into resident and mig).
* histogram of total counts in each year.
* Box plot of combined resident birds. Box plot of combined migratory birds (over all the years).

Show metrics of the models formulated and show why you’ve used the one you’ve used

* Use DIC scores (explain why)
* The above two metrics should be used to determine which model you use.

Describe trends for each species that you’ve run the ssm on:

* How many show increasing trends?
* How many show decreasing trends?
* Which of these trends are significant and what are the species (which interval from 1993 to end doesn’t encompass 0)?
* What is the overall trend in the Barberspan region (migratory and non-migratory separated)?
* Is barberspan trend significant?
* Make distinctions between migratory and non-migratory trends for above points.

Show and describe Shannon index for Barberspan.

Show and describe Simpson index for Barberspan.

Explain the relationship between the 2 indices and how they work.