Biological Statistics II - Discussion

BTRY3020/STSCI3200

2024

This assignment does not count toward your grade.

Things to complete:

   a.   All examples completed by the TAs
   b.   All of the problems assigned to you

Each problem should have:

   a.   made use of **only** functions/commands listed in lab, or previous labs. No points will be given for a problem if such functions/commands are used.
   b.   each problem on a different page, or set of pages.(Otherwise 5 point deduction) Two different problems should not share the same page.
   c.   any computed values displayed either inline or explicitly at the end of a code chunk.
   d.   If a dataset is to be displayed and it will cover more than 10 lines on the final print out, its display should be altered to show only 10 lines worth of data. However, the dataset should not be altered.

Thing to turn in:

   a.   One PDF produced from a knitted WORD document. Each question should be assigned/matched when submitted to Gradescope. (Otherwise - 5 point Deduction)

   b.   This should be submitted to Gradescope before the time posted on GRADESCOPE and the due date posted on GRADESCOPE. Late submissions will not be accepted.

Lab 0. <u>Review</u>

<u>Example(s)</u>
1.   Creating a vector and inline code

2.	Simulated Sample and a histogram

3.   The probability distribution of a random variable X is given below. Determine the mean of this random variable.

X   prob
0 0.10011
1 0.26697
2 0.31146
3 0.20764
4 0.08652
5 0.02307
6 0.00385
7 0.00037
8 0.00002