PH 142 Fall 20 Extra Credit

Your name here

Assignment: Create a Question and Solution Guide

You will be randomly assigned to two weeks in the course. For extra credit and to show your creativity, you can make a sample question and solution guide corresponding to topics covered during lecture or lab in your assigned week.

Due Date

Your sample questions will be due on Gradescope on the Friday of the week following your assigned week at 11:59 pm PST. For example, if you were assigned questions from week 3 (beginning Sept 7), then you can submit your questions on Gradescope anytime until Sept 18 at 11:59 pm PST.

Guidelines

- Write one long question worth 5-7 marks, or several questions worth 1-2 marks each for a total of 5-7 marks. The format can be short answer, fill in the blanks, true or false, and/or multiple choice.
- Be inspired and creative! Try and apply what you learned that week to a topic in the news or a public health example that we didn't cover that week in class.
- Create a solution guide for your question, indicating where the marks will be earned or deducted.
- If you want, you can provide a small dataset printed on the sheet you submit.

Extra Credit Points

- You will have the opportunity to submit two questions through the term, each worth 1 bonus percentage point.
- Full marks will be awarded for creative questions with thorough solution guides that have public health or biology applications
- Half marks will be awarded for questions less applicable to public health or biology
- No marks will be awarded if the guidelines are not followed

Additional Notes

- If you have not received an email titled "[PH 142] Extra Credit Assignment", please post on Piazza as soon as possible.
- A template has been provided for you on the next page. Please make sure to indicate the "Type," "Coding," "Chapter," and "Topic" of your question.

Submission

- There are two assignments on Gradescope labeled "Extra Credit #1" and "Extra Credit #2"; please submit your first assigned week's question(s) to "Extra Credit 1" and your second assigned week's question(s) to "Extra Credit #2"
- Once you're ready to submit, knit your Rmd as a pdf and make sure it's neat, with no code extending further than the page.

- On the lower-right window in the 'Files' tab, check the 'fa20-extra-credit.pdf' file; then click on 'More,' then 'Export.' This will download the pdf to your computer.
- Log into Gradescope and select the correct assignment. Upload the pdf manually.
- If you have any questions, feel free to post on Piazza.

Question

Write your question here. (X points)

Solution

Write your solution here, complete with an explanation as to why your answer is correct.

Grading Rubric

Note how points are earned or deducted.

E.g. +1 for summarize() or summarise()

+1 for using correct dataset 'sample_data_set'

Type: One of: Multiple Choice, T/F, fill in the blank, short answer

Coding: Write true or false, indicating if this question is about R coding

Chapter: List the relevant chapter number or "N/A" if not applicable.

Topic: Few words on the relevant topic