

Module 5: Assignment - Weekly Progress Report

⚠ This is a preview of the published version of the quiz

Started: Mar 3 at 4:40pm

Quiz Instructions

Overview

In this class, we are conducting *real research*, so the assignments are aligned with the type of work you would be completing in a *real research lab*. This means that there will be an emphasis on identifying your weekly successes, challenges, and goals for the upcoming module. The idea behind a progress report is to communicate what you have learned, what problems you encountered, how you are trying to solve them, and to get you thinking about how your work fits into the bigger picture of what we are trying to achieve. The instructors fully expect that some weeks will be fairly straightforward, some weeks will be very challenging, and that all students will have different struggles since you all have different backgrounds coming into this course – this is all exactly how research goes. Please use your progress report to take ownership of your experience and help you to guide yourself to ask good questions and share good answers.

For templates, see [Module 0: Weekly Progress Reports \(https://canvas.asu.edu/courses/161955/pages/weekly-progress-reports\)](https://canvas.asu.edu/courses/161955/pages/weekly-progress-reports)

Instructions

Click the "Take the Quiz" button to begin. The questions from the Weekly Progress Report (questions 1-4) are all open response that you can copy and paste in each section of your report while using the word counter on the bottom to stay on target. The remaining questions are for uploading assignments and figures each week, and will vary based on the module. After answering all of the questions, please click "Submit" at the bottom of the page to submit your answers.

How you'll be graded

I. The following rubric should act as a guide as you're completing your modules. It is recommended to have your weekly report available for you to take notes in as you complete the modules then submit a finalized version for the assignment.

Progress report rubric (125 points)

1. Accomplishments (40 points)

Describe concepts/coding learned.

1. 1. List novel findings (10)
2. Concepts learned (10)
3. Coding completed/attempted (10)
4. List successful communication in Slack with instructors and classmates (10)

2. Challenges and how you addressed them (40 points)

1. 1. List specific challenges for the week (10)
2. List your approaches for addressing this challenge (and if it is still outstanding) (30)
3. If you did not have challenges, describe your strategies/background used to make this a challenge-free week and/or describe how you helped others address a challenge (via Slack, meetings, group discussion)

3. Scientific Writing Prompt (20)

1. Submit requested scientific writing/figures (20)

4. Weekly uploads (25)

1. Submit requested files that demonstrate your progress on the assignments/research project to the instructors. Make sure your name is included on all file uploads. (25)



Question 1 40 pts

Accomplishments (~250 words)

- Concepts/coding learned (30 points)

For example:

- Novel findings
- Concepts learned
- Coding solutions

- Successful communication(s) in Slack with instructors and classmates (10 points)

p

 

0 words

  



Question 2 40 pts

Challenges and how you addressed them (~250 words)

- List specific challenges for the week (10 points)
 - If you did not have challenges, describe your strategies/background used to make this a challenge-free week
- List your approaches for addressing this challenge (and if it is still outstanding) (30 points)
 - If you did not have challenges, describe how you helped others address a challenge (via Slack, meetings, group discussion)

p



0 words



Question 3 20 pts

Scientific Writing Prompt

Upload your storyboard outline in Word, PDF, or Powerpoint format

- This should show the main points and figures you would like to present in your full manuscript write up (next week for Module 6)
- Figures do not have to be shown in the order you made them but they should be shown in an order that is logical to present and justify the conclusions you have drawn

Please write your response in sentences in a paragraph.

Upload

Choose a File



Question 4 25 pts

Upload

Please turn in a knitr printed report your version of the Rmd you created to predict the sex chromosome complement of a cell line based on the expression of multiple sex chromosome genes in Word, HTML, or PDF format.

Please explain your rationale for making a prediction of the sex chromosome complement for each cell line in the description between the code chunks in your Rmd. Use plain language so we can easily understand your ideas.

If you were not able to complete this task due to lack of programming experience (ie you had programming errors you could not fix after reaching out for help), comment the lines that are giving errors and write what you were trying to do in those lines as a comment so the instructors can understand what you were aiming for.

Make sure your name is included on all file uploads.

Upload

Choose a File

Quiz saved at 4:40pm

Submit Quiz