Module 4: Assignment - Weekly Progress Report

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

Started: Mar 3 at 4:39pm

Quiz Instructions

Overview

In this class, we are conducting *real research*, so the assignments are aligned with the type of work you would being 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)**

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

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(s) 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. This week has two uploads. 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)

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12pt Paragraph

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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)

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Question 3 20 pts

Scientific Writing Prompt (~100 words)

In your own words, briefly describe known functions of your assigned gene.

- You can use GeneCards as described in the learning materials or any other resources you find convenient and reliable
- Descriptions of genes can be featured in the introduction, results, and discussion sections of a manuscript.

Please write your response in sentences in a paragraph.

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0 words

Question 4 10 pts

Upload knitted report of your Rmd

Please turn in a knitr printed report your version of CCLE_gene_expression.Rmd analyzing the expression of your assigned gene in Word, HTML, or PDF format.

Upload

Choose a File

Question 5 15 pts

The ViewDataBySex chunk in the template code writes out a csv called 'predicted_sex_GENE.csv', which writes out the predicted sex based on the thresholds you entered after looking at the description of your assigned gene in cell lines from male and female patients. Please upload that csv file. Make sure your name is included on all file uploads.

Upload

Choose a File

Not saved Submit Quiz