



# BIOS 11136 1 - Introduction to Complex Trait Genetics - Instructor(s): Andrew Dahl, Xuanyao Liu

Project Title: **College Course Feedback - Autumn 2023**

Number Enrolled: **28**

Number of Responses: **15**

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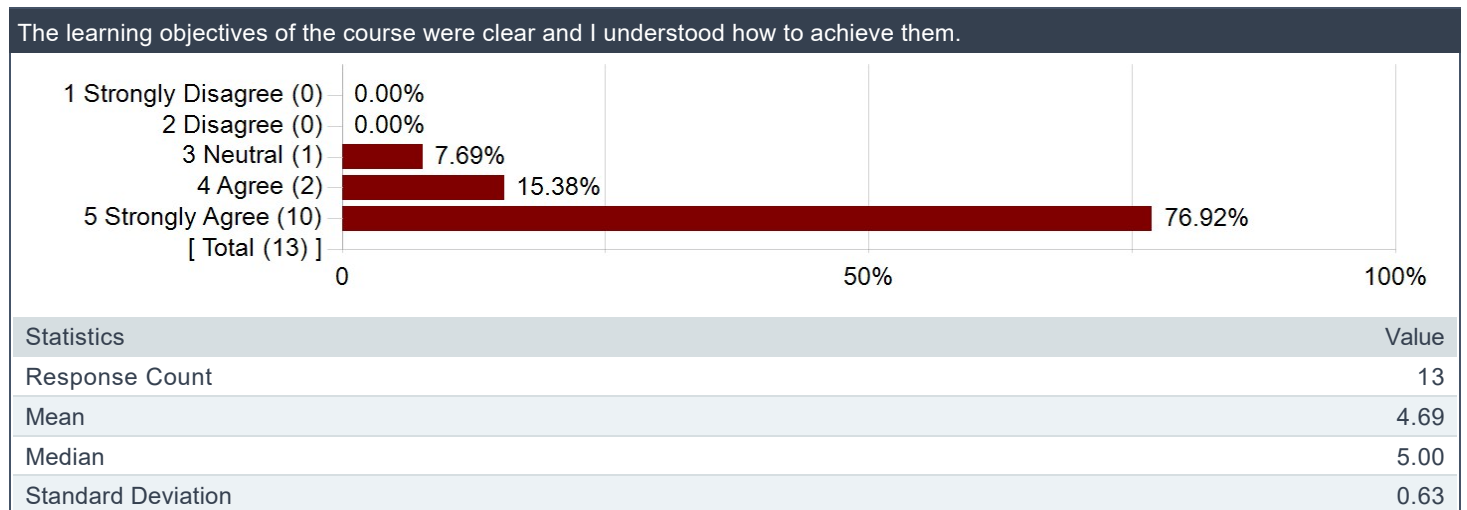
## Report Comments

Opinions expressed in these evaluations are those of students enrolled in the specific course and do not represent the University.

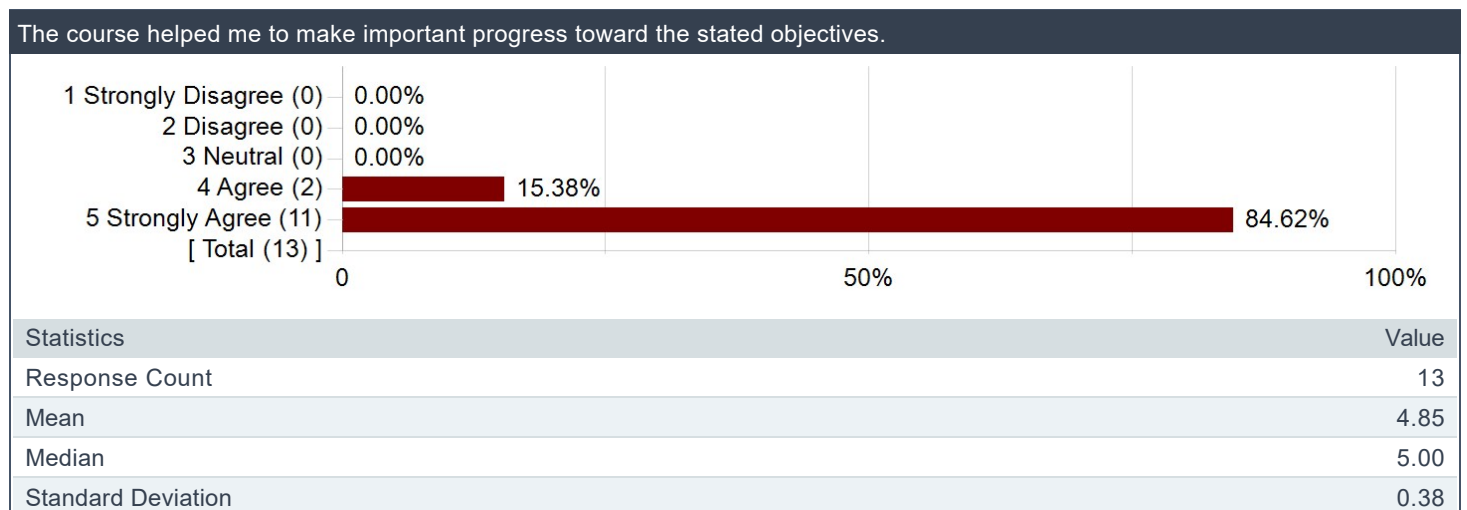
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Creation Date: **Friday, February 2, 2024**

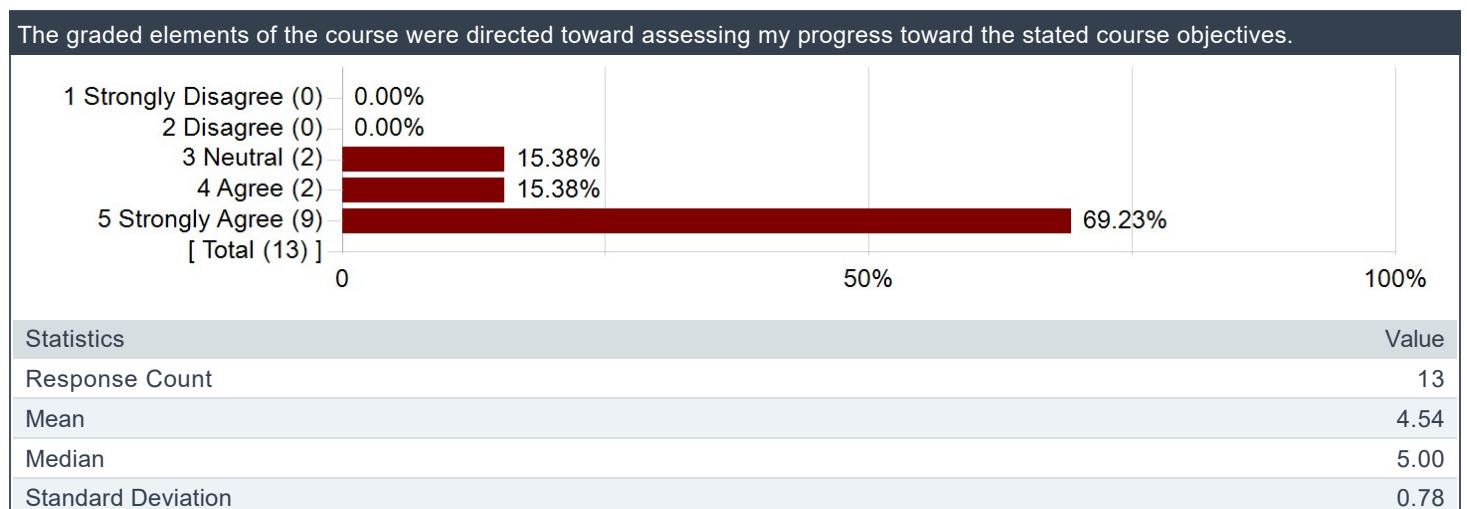
## The learning objectives of the course were clear and I understood how to achieve them.



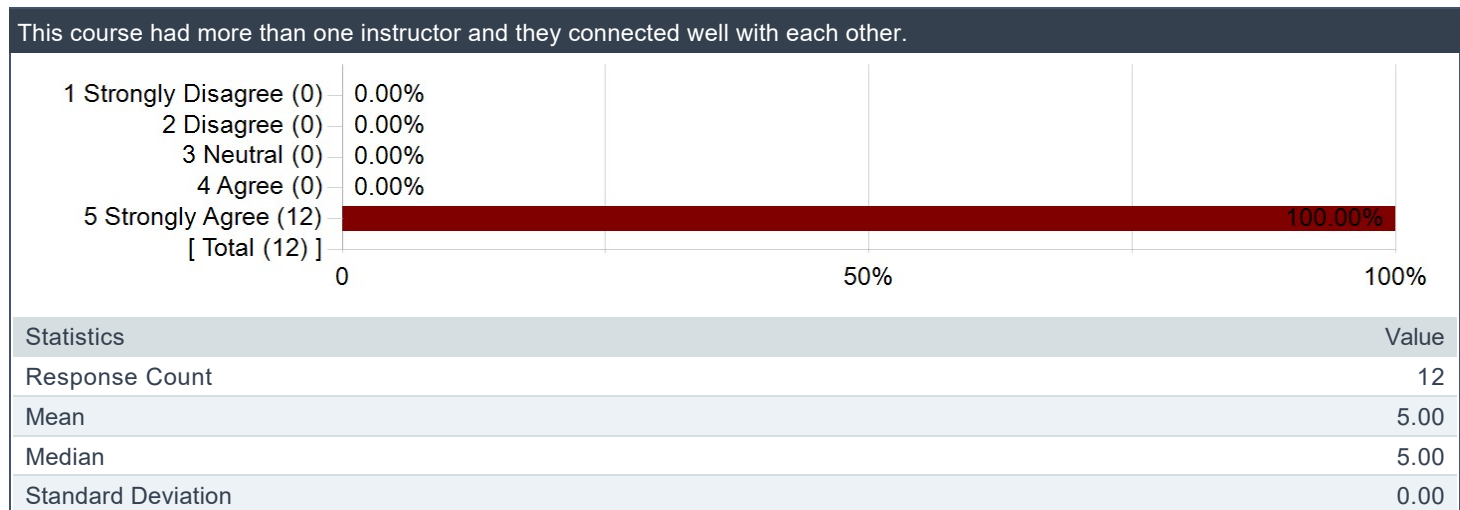
## The course helped me to make important progress toward the stated objectives.



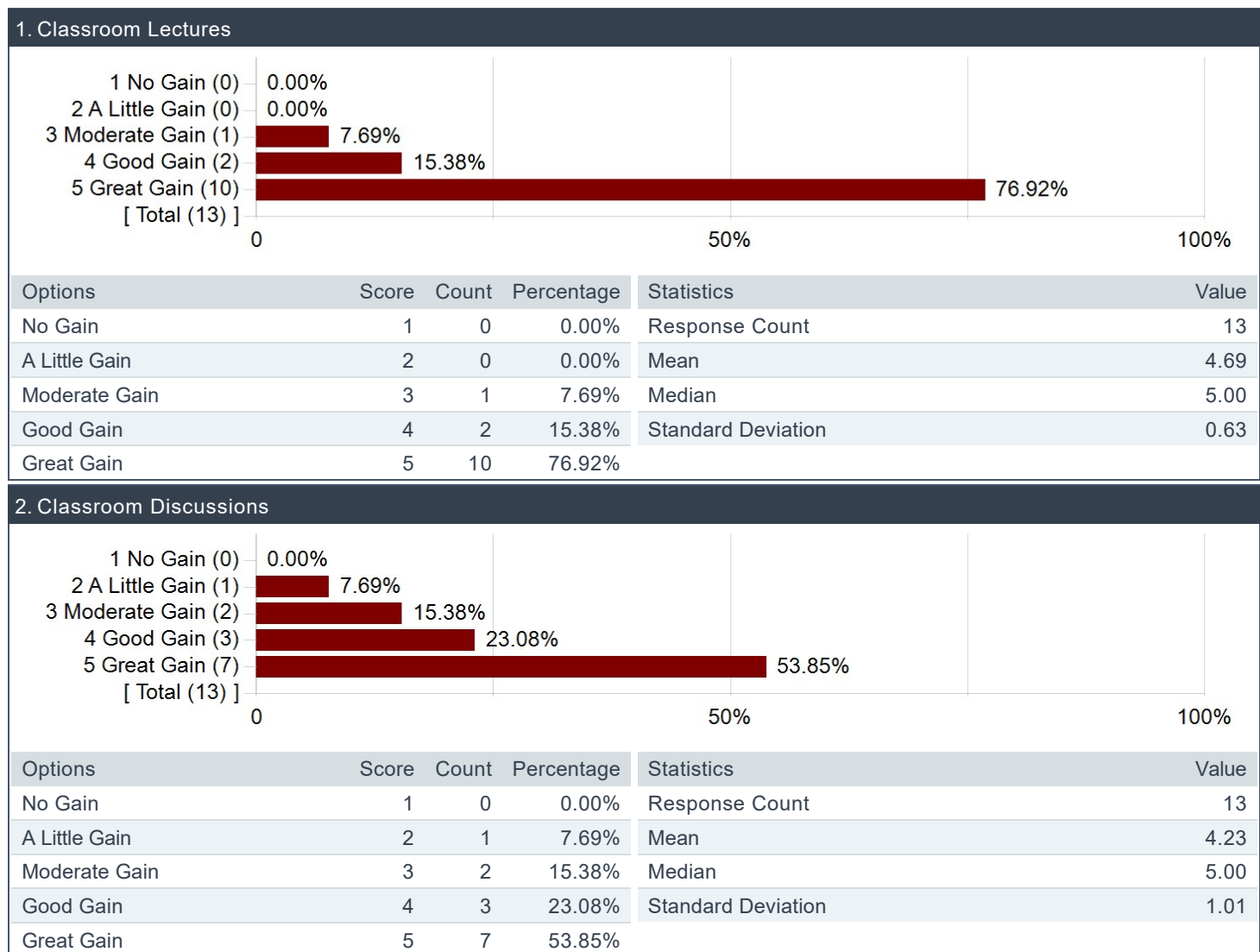
## The graded elements of the course were directed toward assessing my progress toward the stated course objectives.



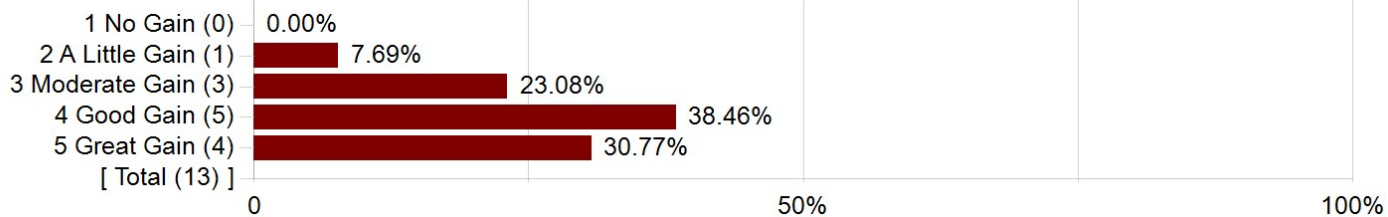
## This course had more than one instructor and they connected well with each other.



## How much did the following elements of the course contribute to your learning gains?

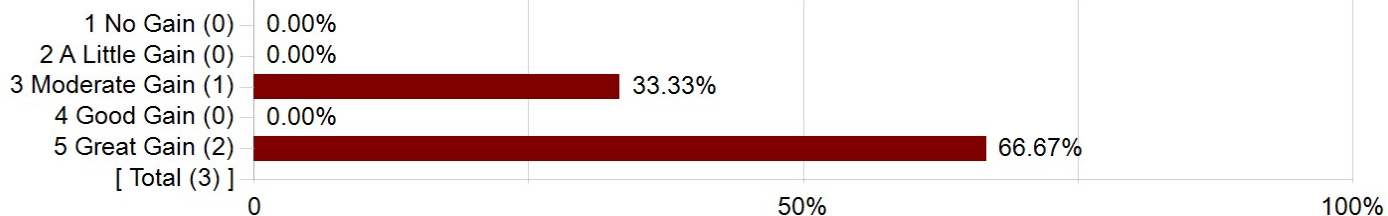


### 3. Assigned Readings



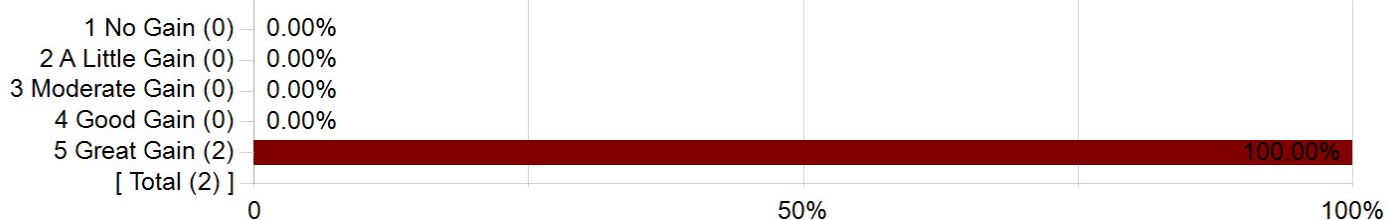
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 13    |
| A Little Gain | 2     | 1     | 7.69%      | Mean               | 3.92  |
| Moderate Gain | 3     | 3     | 23.08%     | Median             | 4.00  |
| Good Gain     | 4     | 5     | 38.46%     | Standard Deviation | 0.95  |
| Great Gain    | 5     | 4     | 30.77%     |                    |       |

### 4. Homework Exercises



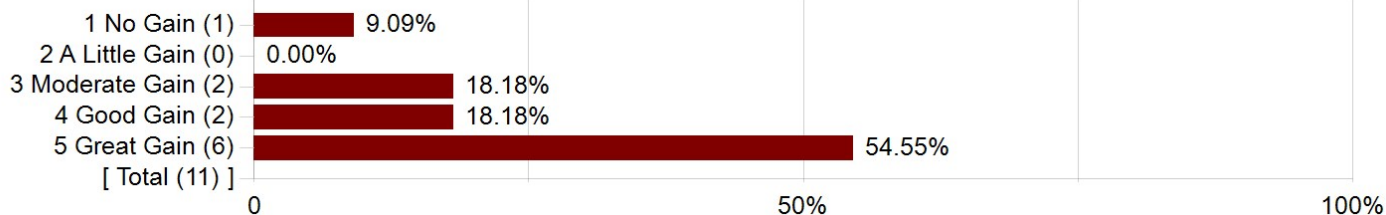
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 3     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.33  |
| Moderate Gain | 3     | 1     | 33.33%     | Median             | 5.00  |
| Good Gain     | 4     | 0     | 0.00%      | Standard Deviation | 1.15  |
| Great Gain    | 5     | 2     | 66.67%     |                    |       |

### 5. Lab Experiences



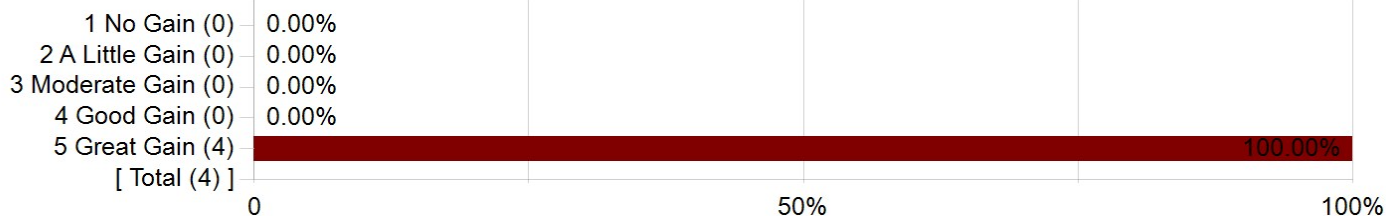
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 2     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 5.00  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 0     | 0.00%      | Standard Deviation | 0.00  |
| Great Gain    | 5     | 2     | 100.00%    |                    |       |

## 6. Discussion Sessions



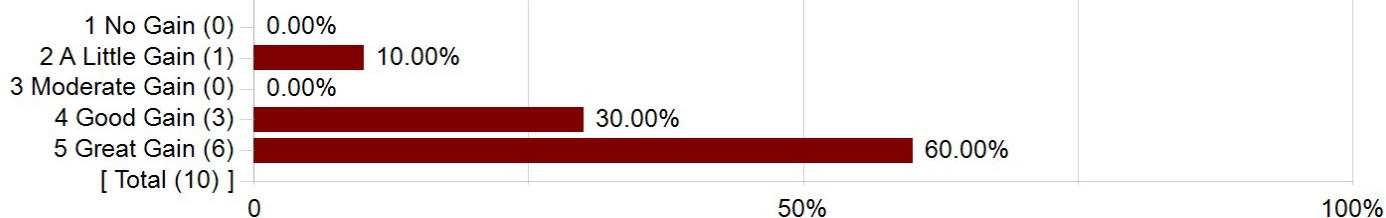
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 1     | 9.09%      | Response Count     | 11    |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.09  |
| Moderate Gain | 3     | 2     | 18.18%     | Median             | 5.00  |
| Good Gain     | 4     | 2     | 18.18%     | Standard Deviation | 1.30  |
| Great Gain    | 5     | 6     | 54.55%     |                    |       |

## 7. Review Sessions



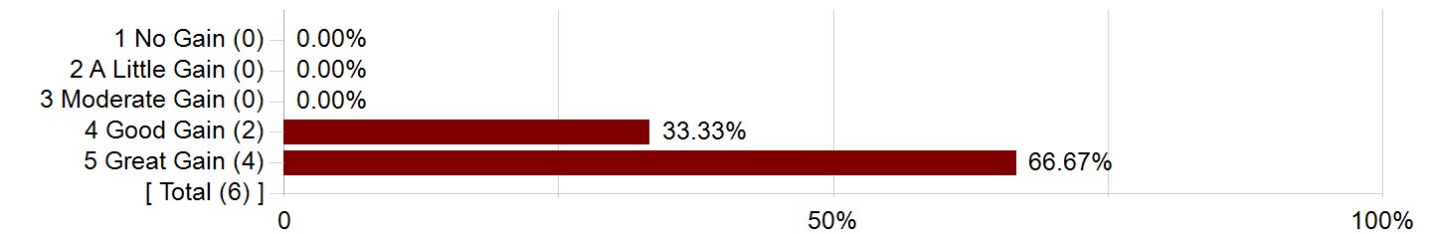
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 4     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 5.00  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 0     | 0.00%      | Standard Deviation | 0.00  |
| Great Gain    | 5     | 4     | 100.00%    |                    |       |

## 8. Interactions with Other Students



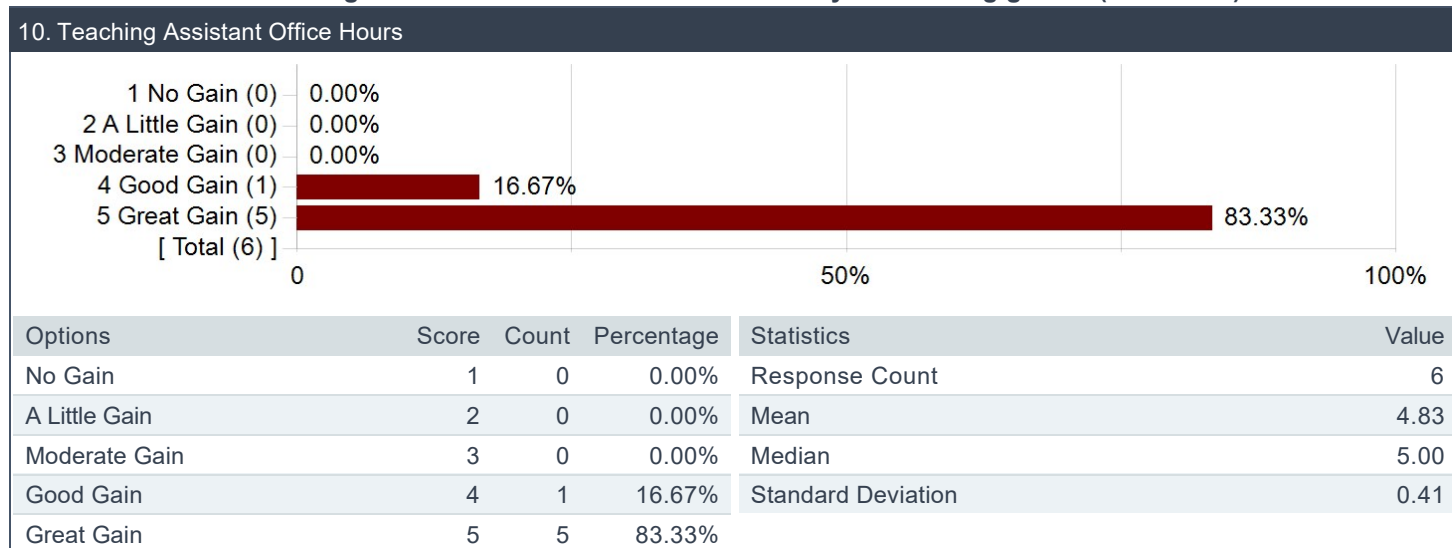
| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 10    |
| A Little Gain | 2     | 1     | 10.00%     | Mean               | 4.40  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 3     | 30.00%     | Standard Deviation | 0.97  |
| Great Gain    | 5     | 6     | 60.00%     |                    |       |

9. Faculty Office Hours



| Options       | Score | Count | Percentage | Statistics         | Value |
|---------------|-------|-------|------------|--------------------|-------|
| No Gain       | 1     | 0     | 0.00%      | Response Count     | 6     |
| A Little Gain | 2     | 0     | 0.00%      | Mean               | 4.67  |
| Moderate Gain | 3     | 0     | 0.00%      | Median             | 5.00  |
| Good Gain     | 4     | 2     | 33.33%     | Standard Deviation | 0.52  |
| Great Gain    | 5     | 4     | 66.67%     |                    |       |

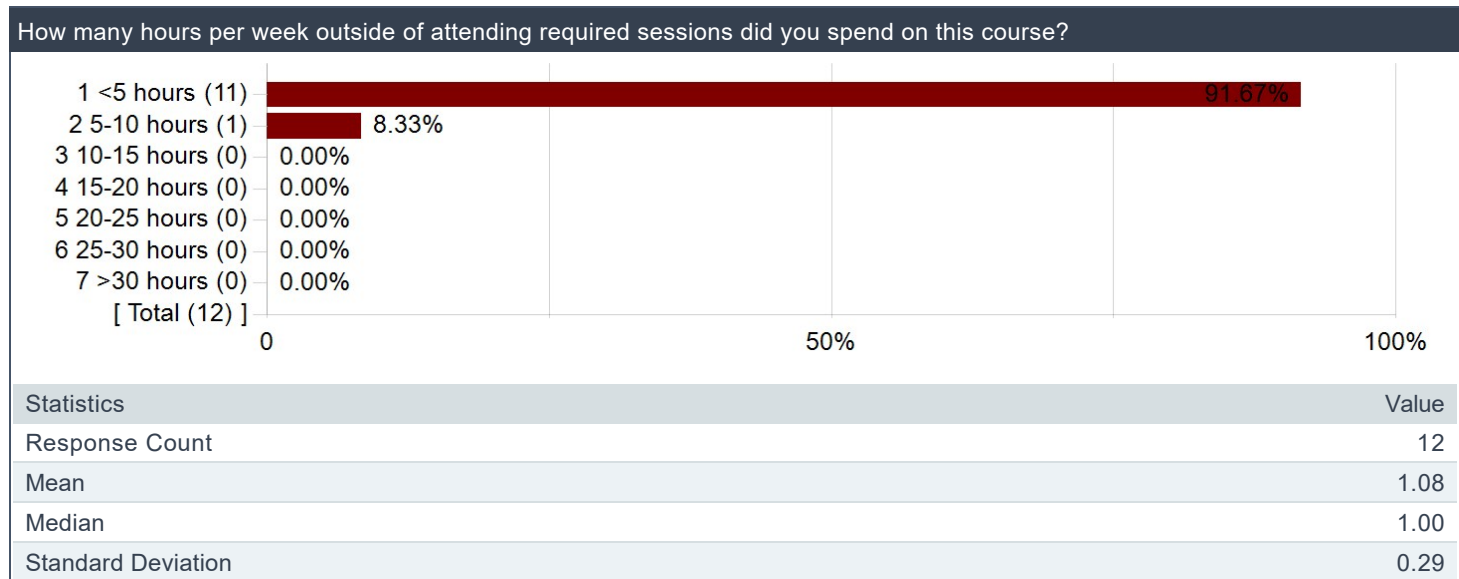
## How much did the following elements of the course contribute to your learning gains? (continued)



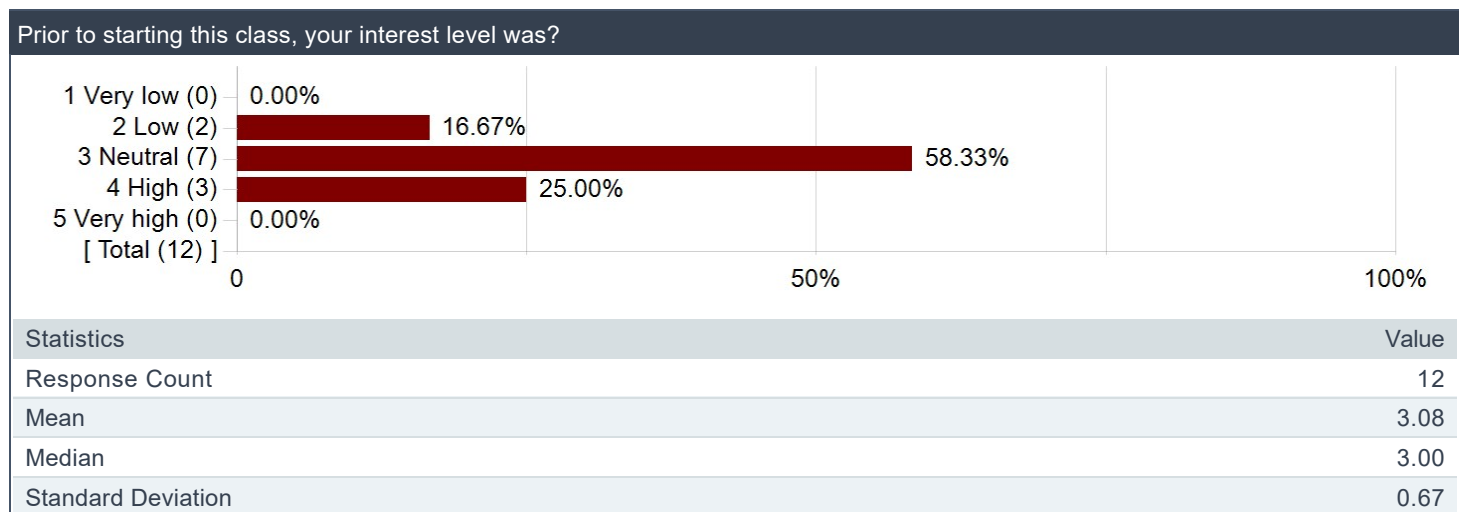
## What was the most important thing (to you) that you learned in this course? What aspect of the material is still unclear for you, that you wish you could have learned better?

| Comments  |
|---|
| We learned how complex and fascinating genetics is. It was a great course!  |
| Learning about the applications of GWAS was the most important thing I learned but I still wish I understood the questions more on assignments  |
| I learned a lot about population stratification, Mendelian traits, complex traits, and biases in genetics.  |
| lots on the difference between complex traits and mendelian. all of the material was really clear and digestable.   |
| social context of genetics  |
| I learned a lot about the role of race in genetics  |
| I'm happy I learned about how traits often depend on many different genetic variants, and how we measure and use the correlations between them. I wish I learned more about CRISPR and its potential effects on humans. |
| Mendelian and complex traits.   |
| The history of genetics, the consequences of medical racism and how people are trying to combat it  |

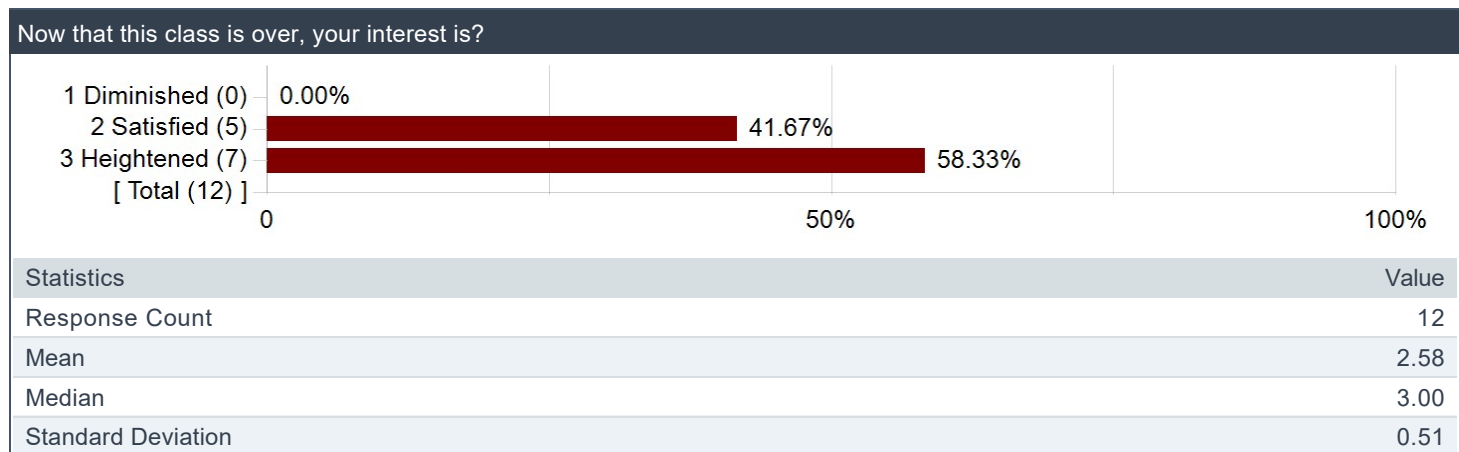
## How many hours per week outside of attending required sessions did you spend on this course?



## Prior to starting this class, your interest level was?

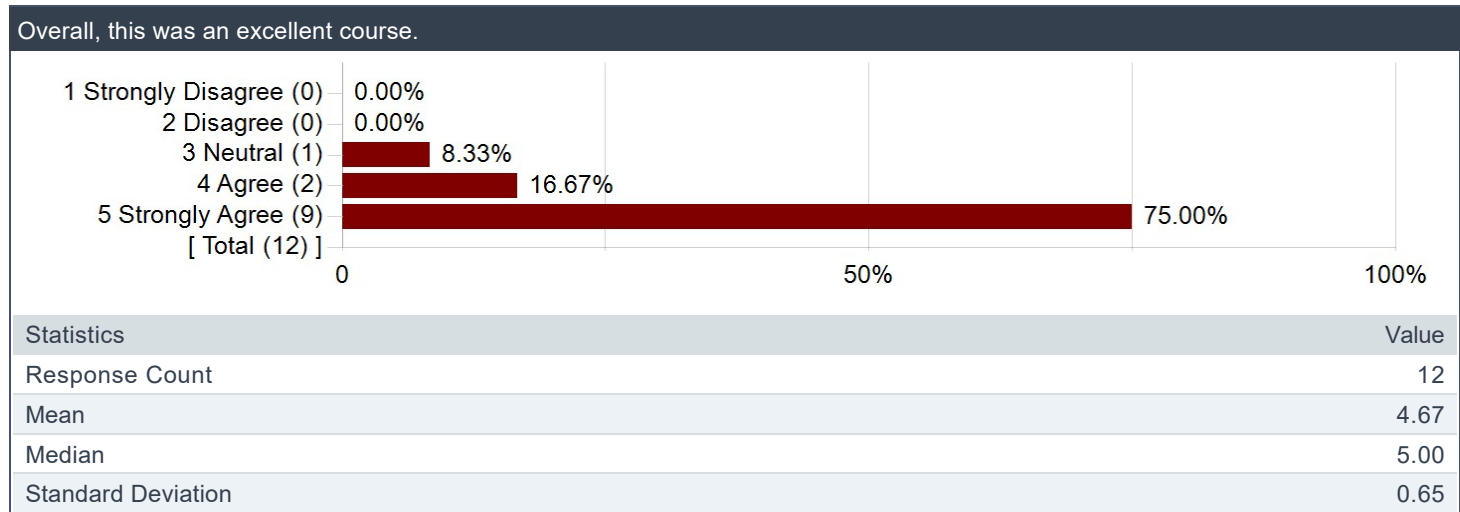


## Now that this class is over, your interest is?





Overall, this was an excellent course.



Please share any advice you have for students who are considering taking the course.

| Comments  |
|---|
| It is an excellent course. Please take it!!   |
| super easy to fulfill requirement, no prior experience or coursework required. both instructors explain things like you've never taken another science class and it makes it super easy to stay engaged. great class :) |
| a wonderful bio topic that actually makes you interested in a subject area without having to do memorization. In addition, the class is engaging and helps you learn but doesn't stress you out!                        |
| Go to office hours, especially for the TA because they will help you review for quizzes and the midterm.  |
| N/A   |
| You should take it! Great course with really interesting topics and not too hard but still interesting  |