

We thank you for your time spent taking this survey.  
Your response has been recorded.

Below is a summary of your  
responses

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## WINTER COURSE ASSESSMENT FORM

Please select your name and course you are assessing

Faculty

Ogle, Derek H.

Course

MTH 107 - Statistical Concepts & Analysis

What is the number of students assessed for this ILO?

47 students

Is the Intended Learning Outcome you will assess for this course part of the general education program (Liberal Education for the Environment and Society, Superior Connections, Growing Connections)?

Yes

No

Please enter the course learning outcome that is being assessed.

Perform a bivariate EDA with categorical data

Briefly describe the qualitative and/or quantitative measure that was used to determine proficiency for this particular learning outcome.

*Some examples include, but are not limited to: overall class average, % of students who earn a*

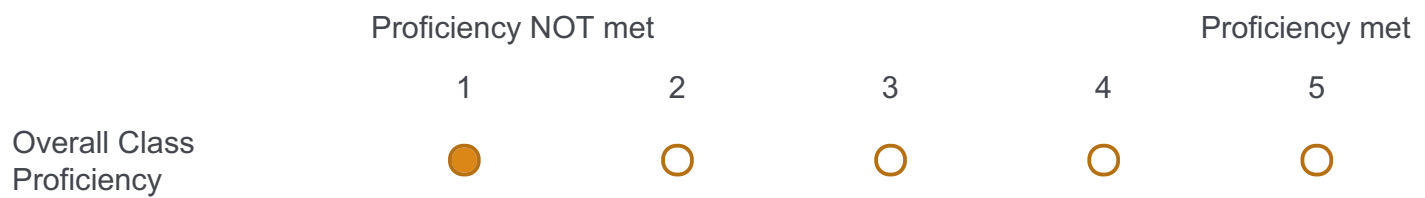
particular score, % of students who participate in activity, % of students who improve performance by a certain amount, average score on an exam question or research paper, average score on a rubric, student survey.

I have a "Bivariate EDA - Categorical" question on the final exam for which I expect 75% of the students (first quartile, Q1) to earn at least 60% of the points and 50% of the students (median) to earn at least 80% of the points.

Briefly summarize your assessment results.

In Winter 2021, the median criterion was met (100%) but the Q1 criterion was not met (0%). This has been a largely consistent result for the last five sections of the course.

Based on your assessment results, to what degree do you feel your students met proficiency for this learning outcome?



What are your plans for action in response to the assessment results?

It is clear that many students "see" this concept but many also do not. I plan to rewrite the Bivariate EDA Categorical module with an eye towards better explaining how some questions are conditioned on a subset of the overall sample size.

Thank you for taking the time to enter your assessment data. By clicking the arrow below, you will be submitting your data for this term. You will see a summary of what you entered immediately following submission - you will be able to download the info in a PDF if you would like the information for your own assessment records.