

Student Perception of Exam Feedback

Jedediah Vance, Pharm.D. Candidate

School of Pharmacy, Southern Illinois University Edwardsville

BACKGROUND

- Feedback on assessments and overall learning is believed to be an essential piece of education.
- A study in 2018 from BK Sato and collaborating authors examined the impact of feedback of exams on student understanding.
- This study declared “feedback to students is an integral part of the educational experience.”
- Online exam format use increasing.
- Adoption of ExamSoft popular among online assessment software with use of Strength and Opportunity Reports

OBJECTIVES

- Assess student's perception on exam feedback
- Identify students perceived usefulness and effectiveness of exam feedback
- Identify students perceived usefulness and effectiveness of ExamSoft Strength and Opportunity Reports

METHODS

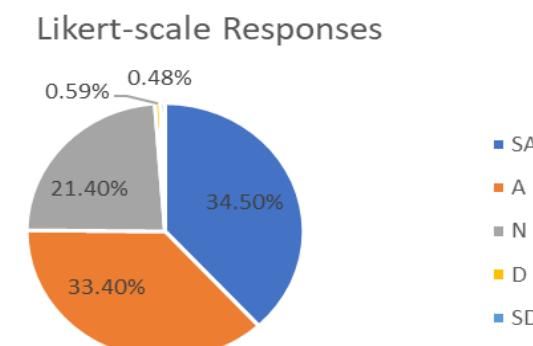
- Study Design:
 - Survey
- Data Source:
 - Survey Response data

METHODS

- Study Population:
 - SIUE SOP P2, P3 and P4 classes of Academic Year 2021-2022
- Survey consists of 27 questions
- 26 will be used for data analysis
 - 13 Likert-scale questions
 - 4 Multiple choice
 - 3 Select all that apply
 - 6 open-ended questions
- Statistical Analysis:
 - The 13 Likert-scale questions analyzed with descriptive statistic.
 - Open-ended questions analyzed with Thematic analysis

RESULTS

- Distributed to 223 participants (94 total survey responses with 42% response rate)



RESULTS

- Perceived usefulness S&O reports:
 - $89.2\% \geq$ “moderately useful”
- Perceived effectiveness S&O reports:
 - 64% positive influence on future exam scores
 - 89% impacts study habits

Thematic Analysis:

- Minimal to no feedback provided (Q9. 22% and Q10. 31%)
- Insufficient and untimely feedback provided
- Required to meet with professor for feedback
- Class review sessions and emailed feedback are inadequate and insufficient
- Students would like returned exams with feedback (43%)
- Beneficial if given in sufficient manner and appropriate time
- ExamSoft S&O reports are not indicative of personal performance
- ExamSoft S&O reports would be better if taught how to use them

CONCLUSION

- The consensus from the Student Perception of Exam Feedback Survey generally shows students value exam feedback as very to extremely useful and agree exam feedback influences and enhances student performance on overall education and performance on future exams.
- If feedback is given in a timely manner, detail oriented, and easy to understand, students are more likely to use the feedback and it will be more valuable.
- Students at SIUE SOP feel feedback is inadequate.
- The Strength and Opportunity reports may provide useful, effective, and sufficient feedback if tailored to the right content and include more details.
- Studies have shown increased use and effectiveness of S&O reports after students given opportunity to learn about them.