

ASSURANCE OF LEARNING

Assessment Report

Program: BS Economics

Term: Fall 2018

Learning Objective	3A: Students who graduate will analyze research data using modern statistical software packages.
Mapped Course	ECON 499: Empirical Analysis (Assessed in ECON 310)
Curriculum Alignment	Courses mapped as introducing LO3A: ECON 210 Courses mapped as developing LO3A: ECON 211, 305, 310, 431 Courses mapped as mastering LO3A: ECON 499
# of Participating Faculty	1
Methods & Procedures	Faculty teaching mapped course used individual paper projects to assess each trait on the rubric.
Assessment Tool	CBE Developed Rubric
Performance Targets	Primary: 70% of students will meet expectations. Secondary: Less than 10% of students will score "1" (below) on any "trait" in the rubric.

Data Analysis Summary

There are two targets set for this learning objective, (1) 70% of students will meet or exceed expectations; and (2) less than 10% of students will score "1" (below expectations) on any "trait" in the rubric. Overall, 75% of students met expectations on the learning objective. A total of 25 students were assessed.

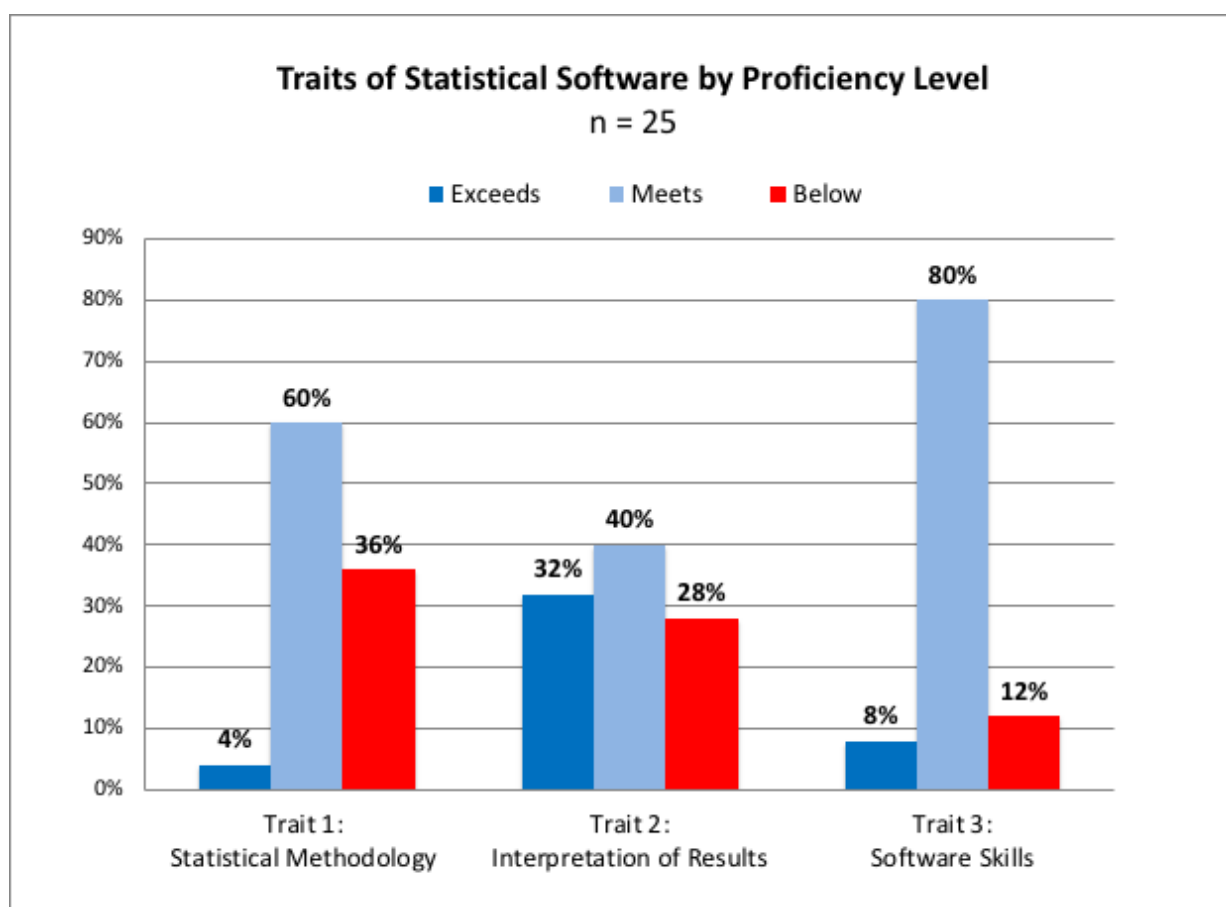
n = 25	Trait 1: Statistical Methodology	Trait 2: Interpretation of Results	Trait 3: Software Skills
Meets Expectations	64%	72%	88%
Does Not Meet Expectations	36%	28%	12%
Total	100%	100%	100%
Overall Score	75%		

Assessment Scores by Individual Traits.

Regarding the second performance target that less than 10% of students will score “1” (below expectation) on any “trait” in the rubric, scores show students did not meet this performance target. More than 10% of students scored below expectation on all three traits.

Detailed Assessment Scores by Individual Traits

By Individual Traits	Trait 1: Statistical Methodology	Trait 2: Interpretation of Results	Trait 3: Software Skills
Exceeds	4%	32%	8%
Meets	60%	40%	80%
Below	36%	28%	12%



**Percentages may not add to 100% due to rounding.*

Next Steps

- Share report with faculty
- Share report with administrators
- Program Committee to call for review meeting

- Conduct *Closing the Loop* meeting
- Complete Closing the Loop Handout
- Share Closing the Loop Handout with Curriculum Committee
- Approval by Curriculum Committee
- Share Closing the Loop Handout with Dean's Office'
- Approval by Dean's Office
- Share Closing the Loop Handout with Faculty
- Publish results and findings
- Publish meeting minutes
- Implement Actions
- Track Actions

Rubric

L03A: Statistical Software			
Traits:	(6-8 pts) Exceeds Expectations	(3-5 pts) Meets Expectations	(0-2 pts) Below Expectations
<i>Statistical Methodology</i>	Statistical methodology is correctly applied and motivated.	Statistical methodology is correctly applied except for minor errors.	Does not understand statistical methodology or draws incorrect conclusions about what the information or methods mean.
<i>Interpretation of Results</i>	Interpretation of statistical results is accurate.	Interpretation of statistical results is largely accurate.	Draws incorrect conclusions about what statistical results mean.
<i>Software Skills</i>	Can effectively use software to solve complicated problems with data.	Software skills are at the level where student is able to perform basic data analysis.	Does not demonstrate software skills.

End of Report