

**COURSE LEARNING OUTCOME EVALUATION REPORT
STATISTICS**



**DEPARTMENT OF ENGLISH LANGUAGE EDUCATION
FACULTY OF LANGUAGES, ARTS, AND HUMANITIES
HAMZANWADI UNIVERSITY**

2024

1. IDENTITY

Study program	: Department of English Language Education
Course title	: Statistics
Course Cluster	: Research on ELT
Course code	: PBI6561
Credit units	: 2 units
Level of Study	: Undergraduate
Semester	: Uneven (V)
Academic year	: 2024/2025
Lecturer	: Maman Asrobi, M.Pd

2. PROGRAM LEARNING OUTCOMES (PLOS), COURSE LEARNING OUTCOMES (CLOS) AND SUB- COURSE LEARNING OUTCOMES SUB-(CLOS).

Program Learning Outcomes (PLOS) Mapped to the Course.	
CPL-5	Able to design, implement, evaluate, and develop adaptive, inclusive, and technology-based English language teaching based on pedagogical, psychological principles, and national quality standards.
CPL-6	Able to identify, analyze, and solve issues related to quality, relevance, and access in English language education through responsible data-driven and research-based decision-making.
CPL-7	Able to design and conduct research in English language education and produce systematic scientific reports in accordance with academic standards by utilizing information technology ethically.
Course Learning Outcomes (CLOs)	
CLOs	Students are able to apply fundamental statistical concepts and techniques to analyze classroom data and language learning outcomes in English education.
CLOs	Students are able to interpret descriptive and inferential statistical results to evaluate the effectiveness of English language teaching methods and practices.
CLOs	Students are able to utilize statistical tools and software such as Excel, SPSS, or R to manage, process, and present educational data in clear and systematic ways.
CLOs	Students are able to integrate statistical evidence into research design and reporting to support responsible, data-driven decision-making in English language teaching.
CLOs	Students are able to critically evaluate published research in applied linguistics and ELT by assessing the validity and reliability of statistical analyses used.
Sub-Course Learning Outcomes (Sub-CLOs)	

Sub-CLOs	Students are able to explain fundamental statistical concepts and their relevance to English language teaching research.
Sub-CLOs	Students are able to classify types of data and variables commonly found in classroom and language learning contexts.
Sub-CLOs	Students are able to apply descriptive statistics to summarize and present classroom data clearly and accurately.
Sub-CLOs	Students are able to conduct inferential statistical analyses, including t-tests, chi-square, ANOVA, and correlation, to evaluate teaching effectiveness.
Sub-CLOs	Students are able to use statistical software such as Excel, SPSS, or R to process, analyze, and visualize educational data.
Sub-CLOs	Students are able to integrate statistical findings into research design and reporting to support responsible, data-driven decision-making in English language teaching.
Sub-CLOs	Students are able to critically evaluate statistical methods and results in published research within applied linguistics and ELT.

3. ASSESSMENT METHODS AND INSTRUMENTS

No	CLOS	Assessment Type	Assessment Instrument
1	CLO-1	Quiz, Worksheet & Problem-Solving Test	Quiz, Worksheet & Problem-Solving Test
2	CLO-2	Assignment, Performance & Discussion Assessment	Assignment, Performance & Discussion Assessment
3	CLO-3	Written Test, Midterm Exam & Lab Assessment	Written Test, Midterm Exam & Lab Assessment
4	CLO-4	Assignment, Practical & Worksheet/Discussion	Assignment, Practical & Worksheet/Discussion
5	CLO-5	Performance, Project & Final Exam	Performance, Project & Final Exam

4. ACHIEVEMENT

CLO	Target Achievement	Actual Achievement	Status
CLO 1	≥ 75% of students score ≥ 70	80% of students score ≥ 70	Achieved
CLO 2	≥ 80% of students score ≥ 70	84% of students score ≥ 70	Achieved

CLO 3	≥ 85% of students score ≥ 70	78% of students score ≥ 70	Achieved
CLO 4	≥ 80% of students score ≥ 70	80% of students score ≥ 70	Achieved
CLO 5	≥ 80% of students score ≥ 70	86% of students score ≥ 70	Achieved

5. ANALYSIS OF LEARNING OUTCOMES ACHIEVEMENT

Overall, the learning outcomes have been successfully achieved, as all CLOs meet or exceed their target achievements. CLO 1 (80% vs. target 75%) and CLO 2 (84% vs. target 80%) indicate that students have a strong grasp of fundamental statistical concepts and are सक्षम in interpreting statistical results. CLO 5 shows the highest achievement (86% vs. target 80%), reflecting well-developed critical thinking skills in evaluating research. CLO 4 meets its target exactly (80%), suggesting that students are adequately able to integrate statistical evidence into research, although there is still room for deeper development. However, CLO 3 falls below its target (78% vs. target 85%), indicating that students face some challenges in using statistical tools such as Excel, SPSS, or R. This suggests a need for more intensive hands-on practice and guidance in software application.

6. IDENTIFIED PROBLEM AND IMPROVEMENT PLAN

No	Identified Problem	Improvement Plan
1	No significant issue; target exceeded in CLO 1. Students show strong understanding of fundamental statistical concepts.	Maintain current teaching strategies and continue reinforcing concepts through varied exercises and applications.
2	No significant issue; target exceeded in CLO 2. Students are able to interpret statistical results effectively.	Sustain the use of applied tasks and discussions to further strengthen interpretation skills.
3	Target not achieved in CLO 3. Students show limited proficiency in using statistical software (Excel/SPSS/R).	Increase hands-on lab sessions, provide step-by-step tutorials, and integrate more guided software-based assignments.
4	Target only minimally achieved in CLO 4. Students' ability to integrate statistics into research is adequate but not strong.	Enhance project-based learning and provide more scaffolding in connecting statistical results to research design.
5	No significant issue; target exceeded in CLO 5. Students demonstrate strong critical evaluation skills.	Maintain current strategies and enrich learning with more diverse research articles for critical review.

7. CONCLUSION

Based on the assessment results, learning outcome achievements, and identified issues, the course can be concluded as largely successful. Students demonstrated strong understanding of fundamental statistical concepts (CLO 1), effective interpretation of descriptive and inferential results (CLO 2), and high-level critical evaluation skills in ELT research (CLO 5), all exceeding the target achievements. Students also met the target in integrating statistical evidence into research design (CLO 4), though with minimal margin, suggesting room for deeper development. The main area needing improvement is the use of statistical software (CLO 3), where actual achievement fell below the target, indicating a need for more guided, hands-on practice. Overall, the course effectively supported students in applying statistical knowledge and analytical

skills in English language education, while future iterations should focus on strengthening technical proficiency in statistical tools to fully maximize student competency.