

Statistics Lab Project Scoring Guide

Maximum score: 10 points

	4	3	2	1	0
<i>Demonstrate understanding of statistical concepts and principles.</i>	Shows understanding of the lab’s statistical concepts and principles; uses appropriate terminology and notation; executes procedures completely and correctly.	Shows nearly complete understanding of the lab’s statistical concepts and principles; uses nearly correct statistical terminology and notation; executes procedures completely. May contain minor procedural errors.	Shows some understanding of the lab’s statistical concepts and principles. Response may contain serious procedural errors.	Shows very limited understanding of the lab’s statistical concepts and principles; may misuse or fail to use statistical terminology. Response contains major errors in choice of procedures.	Shows no understanding of the lab’s statistical concepts and principles.
<i>Demonstrate skills in using JMP INTRO^o and word processing to complete all aspects of the lab.</i>		Includes all graphical displays and statistical summaries from JMP INTRO in the final report. Correctly completes all required mechanical tasks.	Includes all graphical displays and statistical summaries from JMP INTRO and correctly completes most required mechanical tasks OR includes most graphical displays and statistical summaries from JMP INTRO and correctly completes the required mechanical tasks.	Includes most of the graphical displays and statistical summaries from JMP INTRO and correctly completes some of the mechanical tasks OR includes some of the graphical displays and statistical summaries from JMP INTRO and correctly completes the mechanical tasks.	Includes no graphical displays or statistical summaries from JMP INTRO in the final report OR incorrectly completes the required mechanical tasks.
<i>Demonstrate skills of clear communication.</i>		Provides a complete response with a clear, unambiguous explanation or description; presents strong supporting arguments that are logically sound and complete; and may include examples or counterexamples.	Provides a fairly complete response with reasonably clear explanations or descriptions or presents supporting arguments that are logically sound but may contain gaps.	Makes significant progress towards completion of the lab, but the explanation or description may be somewhat ambiguous or unclear. Communication may be somewhat vague or difficult to interpret, or arguments may be incomplete. May be based on a logically unsound premise.	Fails to complete or may omit significant parts of the lab. Explanation or description may be missing, difficult to follow, or misrepresent the lab situation.