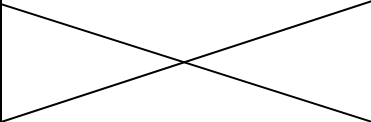


## Scoring Rubric for ASA Project Competition

Project Title: \_\_\_\_\_

	3	2	1	0	Score
<b>Statistical Question</b>	Valid statistical question that is clearly stated, focused, and interesting	Valid statistical question with <u>two</u> of the three characteristics: clearly stated, focused, interesting	Valid statistical question with <u>one</u> of the three characteristics: clearly stated, focused, interesting	Not a valid statistical question OR question lacks all three characteristics: clearly stated, focused, interesting	
<b>Data Collection</b>	Evidence of direct data collection by students  Data were collected in an appropriate manner to answer the statistical question  Raw data are included	Evidence of direct data collection by students  Data were collected in an appropriate manner to answer the statistical question, but raw data are not included	Evidence of direct data collection by students  Data were not collected in an appropriate manner to answer the statistical question	No evidence of direct data collection by students	
<b>Data Display</b>	Includes appropriate, well-labeled, accurate displays (graphs and tables) of the data	Includes appropriate, accurate displays of the data	Includes appropriate but not accurate displays of the data	Does not include appropriate displays of the data	
<b>Data Analysis</b>	Analysis of the data is accurate, thorough, and appropriate  Conditions are checked correctly for any inference procedures	Analysis of the data is appropriate, mostly accurate, and fairly thorough	Analysis of the data is appropriate, but only somewhat accurate and thorough	Analysis of the data is not appropriate or is missing	
<b>Conclusion</b>		Conclusion includes a clear answer to the statistical question that is consistent with the data analysis and the method of data collection	Conclusion includes an answer to the statistical question that is consistent with the data analysis but not with the data collection method	Conclusion does not include an answer to the statistical question that is consistent with the data analysis	
<b>Reflection on Process</b>	Gives a good overall picture of the project—what went well and what didn't—and includes ideas for further study	Gives a good overall picture of the project—what went well and what didn't—but no ideas for further study	Reflective thinking focuses on the positive aspects of the project only	No evidence of reflective thinking	
<b>Overall Presentation</b>	Attractive, well-organized, well-written project report.	Project report has <u>two</u> of the three qualities: attractive, well-organized, well-written	Project report has <u>one</u> of the three qualities: attractive, well-organized, well-written	Project report has <u>none</u> of the three qualities: attractive, well-organized, well-written	
<b>Total (out of 20)</b>					

*Note: Projects that involve statistical methods beyond those included in an introductory statistics course will be disqualified. A list of acceptable techniques can be found on the ASA Project Competition website.*