

## AP Statistics Correlation Project

You should investigate two characteristics (quantitative variables) that interest you and you believe might have a relationship with one another. After you have chosen the variables that you want to investigate, find both a primary source and a secondary source that have reported on the relationship of these variables and make copies of those articles.

Next read the articles you have found and take note of the findings. Report on the reporting with a one page typed paper that highlights how the study was conducted, what were the findings, what, if any data, was provided. Do the two articles report the same findings?

<b>OBJECTIVES</b>	<b>5 Points</b>	<b>4 Points</b>	<b>3 Points</b>	<b>1 or 2 Points</b>
<b>Research</b>	Includes a clear description of the variables of interest, a primary resource, along with at least 2 other secondary resources	Includes a clear description of the variables of interest, a primary resource, and 1 secondary resource on the topic.	Clarity lacking in defining variables of interest, or does not include both a primary and secondary resource.	No clarity of defined variables. Missing supporting research.
<b>Reporting</b>	Clear and complete description of the primary research process including the sample and population, reporting of any raw data, the LSRL and correlation, and verification	Mostly complete description of the primary research process including the sample and population, reporting of any raw data, the LSRL and correlation, and verification	Some description of the primary research process including the sample and population, reporting of any raw data, the LSRL and correlation, and verification	Limited description of the primary research process including the sample and population, reporting of any raw data, the LSRL and correlation, and verification
<b>Analysis</b>	Expertly differentiates among interpretations of quantitative information, including causality and correlation	Competently differentiates among interpretations of quantitative information, including causality and correlation	Differentiates among interpretations of quantitative information, including causality and correlation	Limited ability to differentiate among interpretations of quantitative information
<b>Writing</b>	1 complete page, typed, no grammatical or spelling mistakes.	1 complete page, typed, limited grammatical or spelling mistakes.	Brief response, typed, some grammatical or spelling mistakes.	Limited response, not typed, many grammatical and spelling mistakes