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|  | |  |  |  | | --- | --- | --- | |  |  |  | |  | As was shown in the previous few pages, my results were significant for people who usually listened to music while doing homework, whereas the results for people who do not usually listen to music were not significant. These results somewhat support my hypothesis. I hypothesized that the people who usually listen to music would perform best on the test with their favorite type of music, which they did; however, my prediction that people who do not usually listen to music would perform best on the test without music was false.  These findings may have limited applicability to the public and even to Amador students, because only 220 of the 900 students in the population (juniors & seniors at Amador) were surveyed, and only about 70 of them were tested. Having tested less than 10% of the population, patterns can be found, but the findings may not apply to the population at Amador or the population of high school students around the nation. In addition, the sample was not completely random. To have an accurate set of data, the selection of subjects must be completely random. In this case it was not feasible to randomly select students, because of the time required to find out what class they were in and then give them the survey.  One variable that was not fully researched was the difficulty of the tests. All three tests were supposed to be of equal difficulty, but many subjects mentioned that the first test was the hardest. This might explain why the subjects that do not usually listen to music while doing homework did better with the music.  If I were to repeat this experiment in the future, I would have a better understanding of the time required and the amount of follow through to expect by the subjects. Also, I would try to survey more of the population, which in turn would allow me to test more of the population as well. |  | |  |  | | | | | | |
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|  | |  |  |  | | --- | --- | --- | |  |  |  | |  | [Home Page](http://docs.google.com/index.html) | [Abstract](http://docs.google.com/page2.html) | [Introduction](http://docs.google.com/page3.html) | [Hypothesis](http://docs.google.com/page7.html) | [Procedure](http://docs.google.com/page8.html) | [Data](http://docs.google.com/page10.html) | [Results](http://docs.google.com/page14.html) | [Conclusion](http://docs.google.com/page23.html) | [Bibliography](http://docs.google.com/page24.html) | [Acknowledgements](http://docs.google.com/page25.html) |  | |  |  | | | | | | |