

Table 1.
Independent Samples T-Test of Student Anxiety During the COVID-19 Pandemic

Anxiety During the COVID-19 Pandemic	Means	t
Experienced anxiety	6.25	-0.825
Did not experience anxiety	6.02	

Note. N=432

The dependent variable in this study is a student's self-assessment of their own ability to succeed in the online learning environment. The dependent variable was operationalized through a 1-10 scale response question, 1 being “not confident at all” and 10 being “extremely confident.” The independent variable in this study was student anxiety during the COVID-19 pandemic. The independent variable was re-coded for the purposes of the t-test and assigned a number 1-6. An independent sample t-test was run in order to compare the means of the two variables. The results of the independent sample t-test is located in the above table. The results of the t-test show that there is no significant difference between the means at 0.5. The data also shows that the 95% confidence interval is between -0.764 and 0.313. Therefore, the null hypothesis in this study is maintained and the research hypothesis is rejected. It is proper to conclude from the data that students who are experiencing anxiety during the COVID-19 pandemic do not differ in their confidence in their ability to succeed in the online learning environment compared to those not experiencing anxiety during the COVID-19 pandemic.