Table 4.

Linear Regression of Anxiety and Confidence in Ability to Succeed in Online Learning

Variable	Coef.	Standard Error	R^2
Anxiety	0.379**	0.125	0.02

Note: p<.05*, p<.01**, p<.001***, N=433

  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 student anxiety during the COVID-19 pandemic. The independent variable was operationalized through the question "Would you say that you have felt more anxious during the COVID-19 pandemic?" Participants answered on a scale that gave insight into student's sources of anxiety. The possible responses consisted of "Yes, because I'm worried about health issues", " Yes, because I'm worried about my education", "Yes, because of both health issues and educational changes", "No", "I'm not sure", and "maybe." For the purposes of the Linear Regression the responses were re-coded and assigned a number 1-6 to represent the responses. The results of the linear regression showed for every one unit increase in student anxiety during the COVID-19 pandemic there is a .379 unit increase in student's confidence in their ability to succeed in the online learning environment. This model explains 2.0% of the variation in student confidence in ability to succeed in the online learning environment.