A Liner Regression Test was conducted on two variables gathered from a survey given to Longwood students asking about their thoughts on COVID-19 protocols. The variables used in this test asked if participants were satisfied with or worried about various protocols. The independent variable asked on a scale of 0-10 if students felt confident in their ability to succeed in a hybrid learning environment. The dependent variable asked on a scale of 0-10 how satisfied the students were with their overall college experience during the Fall 2019 semester. As seen in Table 4, the linear regression indicates for every one unit increase, in a college students’ confidence in their ability to succeed in a hybrid learning environment, there is a .532\*\*\* unit increase in how satisfied a college student feels about their overall college experience. This is highly significant at the .001 alpha level. This model explains 22.5% of the variation in student satisfaction.

Table 4

*Linear Regression of College Students’ Overall Satisfaction Based on Their Confidence to Succeed in Hybrid Learning Environments*

Variable Coef. Standard Error R²

Confidence to succeed .532\*\*\* .049 .225

in hybrid learning environment

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