

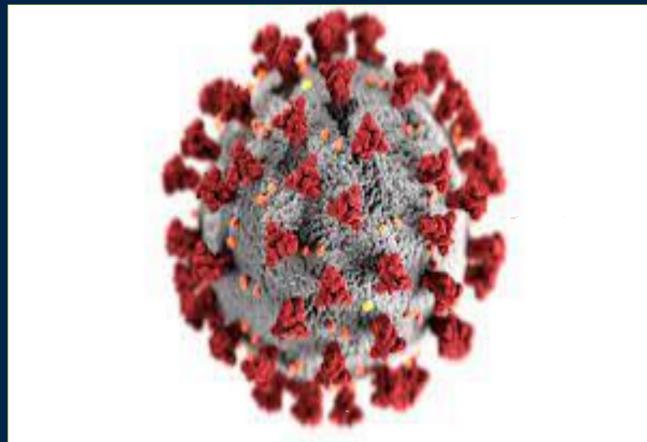
# The Effects of Virtual Learning on Students GPA

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## HYPOTHESES

1. The hypothesis is that virtual learning will negatively impact GPA.



## PARTICIPANTS

- ❖ 54 Students
- ❖ 49 Women/5 Men
- ❖ Average Age = 24
- ❖ Race
  - ❖ African American (N=51, 94.4%)
  - ❖ White, (N= 0),
  - ❖ Latino (N =1, 1.9%)
  - ❖ Asian (N =1, 1.9%)
  - ❖ Middle Eastern (N = 1, 1.9%)



## MEASURES

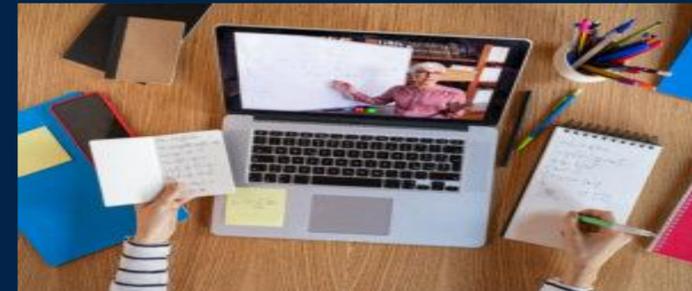
- ❖ GPA (Range: 0.0 – 4.0, Mean=3.87)
- ❖ Virtual Learning Satisfaction (Ok N= 47%; Dissatisfied N =13%, Great Satisfaction N=14.8%, Somewhat Satisfied 24.1%)

Teacher	Grade Scale	Exceptional Satisfaction Needs
A	90-100%	
B	80-89%	
C	70-79%	
D	60-69%	
E	0-59%	

## RESULTS

### Virtual Learning and GPA

- ❖  $GPA = X^2(9)=22.11, p=.009$ , Significant, relationships between awful satisfaction toward online learning and low GPA.
- ❖ Those who were dissatisfied with online learning were most likely to have the lowest GPA; hands on/in person learning can impact a higher GPA



## DISCUSSION

The results of this study suggest the following:

- ❖ Students who are more comfortable and satisfied with virtual learning have medium to high GPA's
- ❖ Students who are not comfortable with virtual learning and believe it is awful have low GPA's
- ❖ Satisfaction and comfortability for virtual learning is a significant factor in predicting GPA

