## Title: Agreeableness and COVID-19 Safety Protocols

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## **INTRO:**

The coronavirus pandemic has been raging on for almost 2 years and has changed the world dramatically. I wondered why certain people would or would not comply with safety protocols. Did their personality trait, agreeableness, have a hand in their behavior? Is one political party more apt to follow safety protocols then another? Is there a difference between men and women and their rate of compliance?

## **METHODS**

- 1. Created survey on Qualtrics
- 2. Collected demographic information, agreeableness scale, and safety
  protocol scale from an online
  population
- Used independent t-test for correlation between agreeableness and COVID-19 safety protocols.

## RESULTS

- There is no significance between the rate of compliance and agreeableness
- Democrats on average scored higher in agreeableness than Republicans
- Women scored higher on compliance ratings than men

## Women are more likely than men to comply with COVID-19 safety protocols.

# On average, Democrats are **more** agreeable than Republicans.

## AMMO BAR

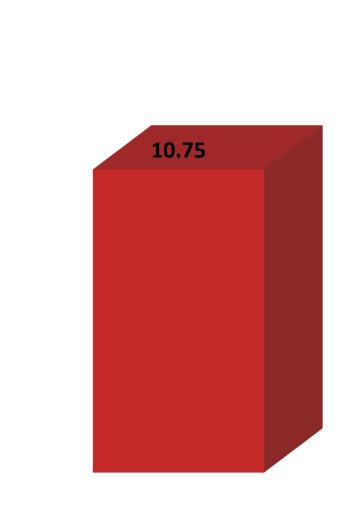
Below are my findings on women v men on compliance with safety protocols (figure 1) and average agreeableness rating between Democrats and Republicans (figure 2).

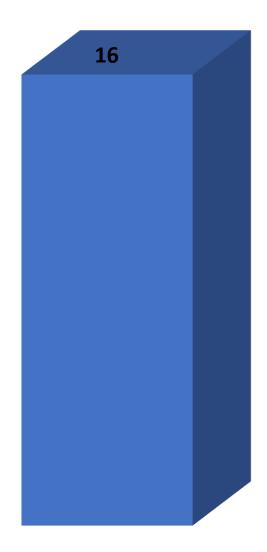
### Figure 1

t-Test: Two-Sample Assuming Equal Variances		
	Men	Women
Mean	14.73	
Variance	42.62	41.56
Observations	11.00	17.00
Pooled Variance	41.97	
Hypothesized Mean Difference	0.00	
df	26.00	
t Stat	-1.68	
P(T<=t) one-tail	0.05	
t Critical one-tail	1.71	
P(T<=t) two-tail	0.10	
t Critical two-tail	2.06	



AVERAGE OF AGREEABLENESS IN REPUBLICANS VS DEMOCRATS





Republican

Democrat