

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 than 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
3. 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	18.94
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	

Figure 2

AVERAGE OF AGREEABLENESS IN REPUBLICANS VS DEMOCRATS

