

## Supplementary Materials

### Tables

**Table 1.** Influence of smoking on the susceptibility of COVID-19 at the quarantine centre of IAU, Dammam, Saudi Arabia between April and June 2020 ( $n=142$ ).

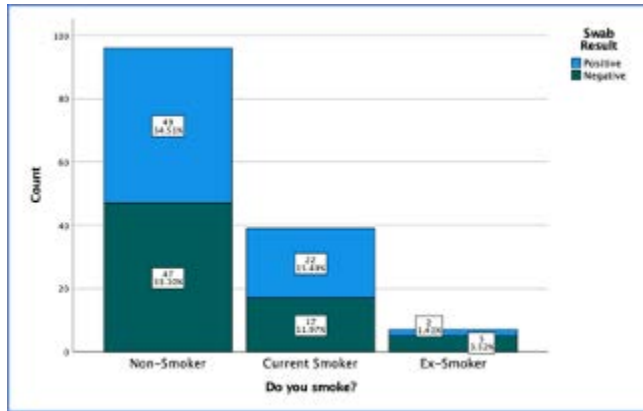
Variable	Frequency (%)	COVID-19		Test (P-value)
		Positive $n= 73$ (%)	Negative $n= 69$ (%)	
<b>Smoking status</b>				
-Non-Smoker	96 (67.6)	49 (67.1)	47 (68.1)	$\chi^2=1.857$ (.40)
-Current Smoker	39 (27.5)	22 (30.1)	17 (24.6)	
-Ex-Smoker	7 (4.9)	2 (2.7)	5 (7.2)	
<b>Type of smoking</b>				
-Cigarette	26 (56.5)	15 (62.5)	11 (50.0)	$\chi^2=.730$ (.55)
-Pipe, Water pipe, or electronic cigarettes	20 (43.5)	9 (37.5)	11 (50.0)	
<b>How did you start smoking?</b>				
-Stress or 'to increase self-confidence'	5 (10.9)	3 (12.5)	2 (9.1)	$\chi^2=2.313$ (.38)
-Imitation of a family member/ friend	12 (26.1)	4 (16.7)	8 (36.4)	
-Test	29 (63.0)	17 (70.8)	12 (54.5)	
<b>Smoking starting age (mean <math>\pm</math> SD)</b>	20.78 $\pm$ 6	20.5 (5.9)	21.1 (6.8)	$t=-.363$ (.72)
<b>Period of smoking (mean <math>\pm</math> SD)</b>	10.69 $\pm$ 8	8.3 (6.6)	13.4 (9.4)	$t=-2.105$ (.04)*
* Significant results				

Table 2. The odds, crude and the adjusted odds ratio of the influence of smoking on the susceptibility of COVID-19

Variable	Crude		Adjusted	
	OR (P-Value)	95% CI	OR (P-Value)	95% CI
<b>Smoking status</b>				
-Non-Smoker	.38 (.27)	.07, 2.08	- <sup>a</sup>	- <sup>a</sup>
-Current Smoker	.31 (.19)	.05, 1.80		
-Ex-Smoker	1	-		
<b>Type of smoking</b>				
-Cigarette	.60 (.39)	.19, 1.94	1.02 (.97)	.27, 3.91
-Pipe, Water pipe, or electronic cigarettes	1	-	1	-
<b>How did you start smoking?</b>				
-Stress or 'to increase self-confidence'	.94 (.05)	.14, 6.55	1.12 (.92)	.14, 8.95
-Imitation of a family member/ friend	2.83 (.15)	.69, 11.60	2.02 (.38)	.42, 9.68
-Test	1	-	1	-
<b>Smoking starting age</b> (mean ± SD)	1.02 (.71)	.93, 1.12	1.04 (.45)	.93, 1.17
<b>Period of smoking</b> (mean ± SD)	1.08 (.05)	1.00, 1.18	1.09 (.07)	.99, 1.19
* Significant results				
<sup>a</sup> Smoking status was not included in the adjusted odds ratio model, as only smokers or ex-smokers were included.				

## Figure legends

**Figure 1.** Association between smoking status and COVID-19 infection at the quarantine centre of IAU, Dammam, Saudi Arabia between April and June 2020 (n=142)



**Figure 2.** Association between smoking period and COVID-19 infection at the quarantine centre of IAU, Dammam, Saudi Arabia between April and June 2020 (n=142)

