

**Table 2 Distribution of real-time polymerase chain reaction status and bivariate associations using data from the database of the COVID-19 pandemic rapid response team (n = 4593), Tripoli, Libya, 2020**

Attribute	RT-PCR status				Crude OR	95% CI	P
	+ve		-ve				
	No.	%	No.	%			
<b>All</b>	923	20.1	3670	79.9			
<b>Sex</b>							
Female	472	22.7	1609	77.3	1.34	1.16–1.54	< 0.001
Male	451	18.0	2061	82.0	–		
<b>Nationality</b>							
Libyan	920	20.1	3664	79.9	0.50	0.12–2.01	0.397 <sup>b</sup>
Non-Libyan	3	33.3	6	66.7	–		
<b>Contact history</b>							
Yes	794	19.1	3365	80.0	0.55	0.44–0.69	< 0.001
No	129	29.7	305	70.3	–		
<b>Presentation</b>							
Asymptomatic	60	25.8	173	74.2	1.40	1.03–1.90	0.029
Symptomatic	863	19.8	3497	80.2	–		
<b>Myalgia</b>							
Yes	758	18.8	3282	81.2	0.54	0.44–0.66	< 0.001
No	165	29.8	388	70.2	–		
<b>Fatigue</b>							
Yes	135	28.4	340	71.6	1.67	1.35–2.07	< 0.001
No	788	19.1	3330	80.9	–		
<b>Fever</b>							
Yes	126	28.1	323	71.9	1.63	1.31–2.04	< 0.001
No	797	19.2	3347	80.8	–		
<b>Cough</b>							
Yes	98	26.3	275	73.7	1.46	1.15–1.87	0.002
No	825	19.5	3395	80.5	–		
<b>Loss of taste &amp; smell</b>							
Yes	168	47.5	186	52.5	4.16	3.33–5.20	< 0.001
No	755	17.8	3484	82.2	–		
<b>Runny nose</b>							
Yes	33	23.2	109	76.8	1.21	0.81–1.80	0.395
No	890	20.0	3561	80.0	–		
<b>Sore throat</b>							
Yes	48	31.2	106	68.8	1.84	1.30–2.61	0.001
No	875	19.7	3564	80.3	–		
<b>Dyspnoea</b>							
Yes	45	24.2	141	75.8	1.28	0.91–1.80	0.161
No	878	19.9	3529	80.1	–		
<b>Headache</b>							
Yes	47	32.6	153	67.4	2.00	1.50–2.67	< 0.001
No	849	19.4	3517	80.6	–		
<b>Vomiting</b>							
Yes	4	28.6	10	71.4	1.59	0.49–5.09	0.500
No	919	20.1	3660	79.9	–		
<b>Diarrhoea</b>							
Yes	8	34.8	15	65.2	2.13	0.90–5.04	0.111 <sup>b</sup>
No	915	20.0	3955	80.0	–		
<b>Abdominal pain</b>							
Yes	2	25.0	6	75.0	1.32	0.26–6.58	0.666 <sup>b</sup>
No	921	20.1	3664	79.9			
<b>Age (years)</b>	<b>Mean</b>	<b>SD</b>	<b>Mean</b>	<b>SD</b>	–		0.504 <sup>a</sup>
	38.6	16.9	38.2	16.7			

<sup>a</sup>Independent t-test.

<sup>b</sup>Fisher's exact test.

OR = odds ratio.

CI = confidence interval.