

Appendix Table 3. Odds ratios for a positive SARS-CoV-2 antibody test in all tested healthcare workers by job function and work location.

	<b>Unadjusted univariate odds ratio (95% CI)</b>	<b>Adjusted multivariable odds ratio (Job function) (95% CI)</b>	<b>Adjusted multivariable odds ratio (Work location) (95% CI)</b>
<b>Age (years)</b>			
45-64	1.26 (1.07-1.49)	0.88 (0.72 - 1.08)	1.03 (0.84 - 1.25)
65-74	0.71 (0.43-1.18)	0.55 (0.29 - 1.02)	0.61 (0.33 - 1.12)
≥75	0.51 (0.11-2.32)	0.44 (0.06 - 3.09)	0.53 (0.08 - 3.65)
18-44 (REF)	1.00	1.00	1.00
<b>Race</b>			
Indigenous American	1.51 (0.54-4.42)	1.17 (0.32 -4.29)	1.13 (0.30 - 4.27)
Asian	1.11 (0.69-1.80)	1.40 (0.78 - 2.51)	1.64 (0.92 - 2.92)
Black/African American	2.26 (1.51-3.37)	2.29 (1.38 - 3.81)	2.94 (1.78 - 4.85)
White (REF)	1.00	1.00	1.00
<b>Ethnicity</b>			
Hispanic	0.59 (0.16-2.23)	0.62 (0.13 - 2.95)	0.63 (0.13 - 2.94)
Non-Hispanic (REF)	1.00	1.00	1.00
<b>Gender</b>			
Male	1.11 (0.93 – 1.32)	1.33 (1.07 - 1.64)	1.16 (0.95 - 1.42)
Female (REF)	1.00	1.00	1.00
<b>Prior SARS-CoV-2 PCR test result</b>			
Positive	41.26 (26.02 – 65.42)	47.26 (29.30 - 76.23)	44.79 (27.87 - 72.00)
Negative (REF)	1.00	1.00	1.00
<b>BMI (Kg/m<sup>2</sup>)</b>			
<18.5	2.02 (0.97 – 4.19)	1.36 (0.57 - 3.24)	1.61 (0.67 - 3.85)
25.0-29.9	1.15 (0.90 – 1.47)	0.96 (0.73 - 1.28)	1.01 (0.77 - 1.34)
≥30.0	1.59 (1.27 – 2.00)	1.18 (0.91 - 1.53)	1.36 (1.05 - 1.77)
18.5-24.9 (REF)	1.00	1.00	1.00
<b>Work location</b>			
Clinics	1.15 (0.87-1.54)		1.30 (0.94 - 1.80)
Emergency Departments	1.64 (1.14-2.36)		2.27 (1.53 - 3.37)
Inpatient units	1.35 (1.08-1.69)		1.48 (1.14 - 1.92)
Laboratory and Pharmacy	0.47 (0.26-0.86)		0.72 (0.39 - 1.34)
Radiology Suite	1.40 (0.76-2.57)		1.07 (0.50 - 2.28)
Offices (REF)	1.00		1.00

<b>Job function</b>			
Physicians	0.84 (0.56-1.25)	0.80 (0.50 - 1.29)	
Nurses	2.27 (1.56-3.31)	2.54 (1.64 - 3.94)	
Allied HCWs I	2.00 (1.34-2.97)	1.83 (1.15 - 2.89)	
Allied HCWs II	1.78 (1.22-2.60)	1.70 (1.10 - 2.63)	
Pharmacist	0.47 (0.18-1.27)	0.66 (0.24 - 1.84)	
Non-clinical staff	2.97 (1.8-4.9)	2.51 (1.42 - 4.43)	
Engineering	1.08 (0.34-3.46)	1.51 (0.46 - 4.97)	
Administrative (REF)	1.00	1.00	

SARS-CoV-2 = Severe acute respiratory virus syndrome coronavirus 2; PCR = Polymerase chain reaction; BMI = Body mass index

