

Appendix Table 4. Odds ratios for a positive SARS-CoV-2 antibody test in tested healthcare workers residing in NYC 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	1.41 (1.16 - 1.72)	1.02 (0.80 - 1.29)	1.18 (0.94 - 1.49)
65-74	0.82 (0.41 - 1.64)	0.49 (0.21 - 1.15)	0.57 (0.24 - 1.33)
≥75	0.82 (0.16 - 4.08)	0.88 (0.10 - 7.66)	1.12 (0.13 - 9.78)
18-44 (REF)	1.00	1.00	1.00
<b>Race</b>			
Indigenous American	2.74 (0.80 - 9.38)	1.86 (0.40 - 8.72)	1.85 (0.36 - 9.45)
Asian	1.18 (0.59 - 2.39)	1.93 (0.83 - 4.50)	2.05 (0.88 - 4.76)
Black/African American	2.84 (1.65 - 4.88)	3.55 (1.80 - 7.03)	4.50 (2.27 - 8.92)
White (REF)	1.00	1.00	1.00
<b>Ethnicity</b>			
Hispanic	0.40 (0.08 - 1.91)	0.49 (0.09 - 2.56)	0.50 (0.10 - 2.60)
Non-Hispanic (REF)	1.00	1.00	
<b>Gender</b>			
Male	1.04 (0.84 - 1.27)	1.19 (0.93 - 1.53)	1.07 (0.85 - 1.35)
Female (REF)	1.00	1.00	1.00
<b>Prior SARS-CoV-2 PCR test result</b>			
Positive	33.49 (19.90 - 56.37)	40.32 (23.17 - 70.17)	38.93 (22.48 - 67.41)
Negative (REF)	1.00	1.00	1.00
<b>BMI (Kg/m<sup>2</sup>)</b>			
<18.5	1.94 (0.80 - 4.67)	1.37 (0.48 - 3.88)	1.60 (0.57 - 4.53)
25.0-29.9	1.30 (0.97 - 1.74)	1.02 (0.73 - 1.42)	1.10 (0.79 - 1.52)
≥30.0	1.58 (1.21 - 2.06)	1.08 (0.79 - 1.48)	1.25 (0.92 - 1.70)
18.5-24.9 (REF)	1.00	1.00	1.00
<b>Work location</b>			
Clinics	1.12 (0.80 - 1.57)		1.30 (0.89 - 1.89)
Emergency Departments	1.61 (1.04 - 2.49)		2.30 (1.42 - 3.72)
Inpatient units	1.36 (1.04 - 1.77)		1.54 (1.13 - 2.09)
Laboratory and Pharmacy	0.46 (0.22 - 0.96)		0.75 (0.35 - 1.61)
Radiology Suite	1.32 (0.64 - 2.74)		0.94 (0.38 - 2.33)
Offices (REF)	1.00		1.00
<b>Job function</b>			

Physicians	1.05 (0.61 - 1.81)	1.09 (0.59 - 2.03)	
Nurses	2.90 (1.71 - 4.90)	3.14 (1.74 - 5.66)	
Allied HCWs I	2.50 (1.47 - 4.26)	2.23 (1.23 - 4.05)	
Allied HCWs II	2.28 (1.35 - 3.83)	2.09 (1.17 - 3.73)	
Pharmacist	0.93 (0.32 - 2.73)	1.31 (0.43 - 4.03)	
Non-clinical staff	3.42 (1.83 - 6.40)	2.98 (1.49 - 5.98)	
Engineering	0.64 (0.07 - 5.46)	0.84 (0.10 - 7.47)	
Administrative (REF)	1.00	1.00	

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

