

## Supplemental Digital Content 4

### Pooled odds ratio for the relationship between non-work-related risk factors and SARS-CoV-2 positive test among healthcare workers in Vancouver Coastal Health (March 2020-March 2021)

Variable	Cases (n)	Controls (n)	Crude OR (95% CI)	Adjusted OR† (95% CI)
n: 268 cases, 1072 controls				
Extended close contact with a person or persons known to have been diagnosed with COVID-19 (outside occupational duty)				
<i>No</i>	159	776	1(ref)	(1ref)
<i>Yes</i>	54	113	2.33(1.61 – 3.35)	2.45(1.67 – 3.59)
Extended close contact with a person with COVID-19 symptoms (outside occupational duty)				
<i>No</i>	161	708	1(ref)	1(ref)
<i>Yes</i>	51	157	1.43(0.99 – 2.03)	1.53(1.07 – 2.21)
Return from international travel				
<i>No</i>	257	1024	1(ref)	1(ref)
<i>Yes</i>	3	8	1.49(0.33 – 5.20)	1.56(0.38 – 6.41)
Use of public transport				
<i>Did not use public transport</i>	200	825	1(ref)	1(ref)
<i>Few days (≤ 3 days)</i>	27	88	1.26(0.79 – 1.97)	1.20(0.75 – 1.91)
<i>Some days (4 - 7 days)</i>	14	42	1.37(0.71 – 2.50)	1.26(0.67 – 2.37)
<i>Most days (≥ 8 days)</i>	18	75	0.99(0.56 – 1.66)	0.92(0.53 – 1.60)
Social interactions with individuals outside of work or home				
<i>Did not have any such social interactions</i>	152	596	1(ref)	1(ref)
<i>Few days (≤ 3 days)</i>	83	348	0.93(0.69 – 1.26)	0.94(0.69 – 1.28)
<i>Some days (4 - 7 days)</i>	17	63	1.06(0.58 – 1.82)	1.03(0.58 – 1.81)
<i>Most days (≥ 8 days)</i>	7	20	1.37(0.53 – 3.16)	1.36(0.55 – 3.33)

† Adjusted for categorical age, gender, race, occupation, and number of weeks since pandemic declared. NA: Not applicable (there were too few responses due to travel restrictions). ref=Reference group. OR: odds ratio.