

Online supplemental appendix 6:

Multivariable logistic regression model of health behaviour markers and probability of PCR-test without confounders.

PCR tested for SARS-CoV-2 (n=6,958, R²=0.01)	OR	p value	95% CI
Ate breakfast	1.05	0.632	0.87 – 1.27
<i>Reference: did not eat breakfast</i>	1.00		
Active travel to school	0.92	0.238	0.80 – 1.06
<i>Reference: did not active travel to school</i>	1.00		
Active travel from school	1.08	0.273	0.94 – 1.24
<i>Reference: did not active travel from school</i>	1.00		
Number of fruit/vegetable portions	1.00	0.941	0.98 – 1.03
Number of times teeth brushed	0.97	0.474	0.90 – 1.05
Sleep hours	0.99	0.654	0.96 – 1.02
<i>Reference: 0 days physically active ≥ 60 mins (previous seven days)</i>	1.00		
1-2 days physically active ≥ 60 mins	1.12	0.276	0.91 – 1.38
3-4 days physically active ≥ 60 mins	1.14	0.221	0.92 – 1.42
5-6 days physically active ≥ 60 mins	1.17	0.177	0.93 – 1.47
7 days physically active ≥ 60 mins	1.09	0.475	0.87 – 1.37
<i>Reference: 0 days sedentary ≥ two hours (previous seven days)</i>	1.00		
1-2 days sedentary ≥ two hours	1.16	0.209	0.92 – 1.46
3-4 days sedentary ≥ two hours	1.18	0.166	0.93 – 1.49
5-6 days sedentary ≥ two hours	1.15	0.275	0.90 – 1.47
7 days sedentary ≥ two hours	1.14	0.256	0.91 – 1.44
<i>Reference: 0 days felt tired (previous seven days)</i>	1.00		
1-2 days felt tired	0.98	0.791	0.86 – 1.13
3-4 days felt tired	0.99	0.881	0.84 – 1.16
5-6 days felt tired	1.04	0.667	0.86 – 1.26
7 days felt tired	0.97	0.730	0.83 – 1.14
<i>Reference: 0 days consumed sugary snack (previous seven days)</i>			
1-2 days consumed sugary snack	1.21*	0.062	0.99 – 1.49
3-4 days consumed sugary snack	1.08	0.489	0.87 – 1.33
5-6 days consumed sugary snack	1.29**	0.034	1.02 – 1.63
7 days consumed sugary snack	1.12	0.314	0.90 – 1.39
Number of out of school clubs participation	1.02	0.121	1.00 to 1.04
Can ride a bike	1.16*	0.064	0.99 – 1.35
<i>Reference: cannot ride a bike</i>	1.00		
Can swim 25m	1.30**	< 0.001	1.15 – 1.46

Reference: cannot swim 25m 1.00

OR: Odds Ratio; 95% CI: 95% confidence intervals; $p < 0.05^{**}$, $p < 0.1^*$. See online supplemental appendix 4 for variable codebook.

Multivariable logistic regression model of health behaviour markers and probability of PCR-test positive without confounders.

PCR test positive for SARS-CoV-2 (n=6,958, R²=0.01)	OR	p value	95% CI
Ate breakfast	1.30	0.170	0.89 – 1.91
<i>Reference: did not eat breakfast</i>	1.00		
Active travel to school	0.91	0.451	0.71 – 1.17
<i>Reference: did not active travel to school</i>	1.00		
Active travel from school	1.07	0.614	0.83 – 1.36
<i>Reference: did not active travel from school</i>	1.00		
Number of fruit/vegetable portions	0.99	0.574	0.94 – 1.03
<i>Reference: 0 fruit/vegetable portions</i>	1.00		
Number of times teeth brushed	1.07	0.385	0.92 – 1.24
<i>Reference: did not brush teeth</i>	1.00		
Sleep hours	0.97	0.266	0.92 – 1.02
<i>Reference: 0 days physically active ≥ 60 mins (previous seven days)</i>	1.00		
1-2 days physically active ≥ 60 mins	1.71	0.023	1.08 – 2.73
3-4 days physically active ≥ 60 mins	1.87	0.009	1.17 – 2.99
5-6 days physically active ≥ 60 mins	1.61	0.059	0.98 – 2.63
7 days physically active ≥ 60 mins	1.49	0.117	0.91 – 2.43
<i>Reference: 0 days sedentary ≥ two hours (previous seven days)</i>	1.00		
1-2 days sedentary ≥ two hours	1.03	0.877	0.68 – 1.57
3-4 days sedentary ≥ two hours	1.00	0.983	0.66 – 1.54
5-6 days sedentary ≥ two hours	1.01	0.958	0.65 – 1.59
7 days sedentary ≥ two hours	1.10	0.660	0.72 – 1.66
<i>Reference: 0 days felt tired (previous seven days)</i>	1.00		
1-2 days felt tired	1.21	0.125	0.95 – 1.55
3-4 days felt tired	1.17	0.278	0.88 – 1.55
5-6 days felt tired	1.21	0.273	0.86 – 1.69
7 days felt tired	0.92	0.600	0.69 – 1.24
<i>Reference: 0 days consumed sugary snack (previous seven days)</i>	1.00		
1-2 days consumed sugary snack	1.14	0.499	0.78 – 1.67
3-4 days consumed sugary snack	1.03	0.873	0.70 – 1.53
5-6 days consumed sugary snack	1.38	0.131	0.91 – 2.11
7 days consumed sugary snack	1.04	0.867	0.69 – 1.56
Number of out of school clubs participation	1.05	0.007	1.01 – 1.09
Can ride a bike	1.40	0.032	1.03 – 1.92

<i>Reference: cannot ride a bike</i>	1.00		
Can swim 25m	1.16	0.207	0.92 – 1.45
<i>Reference: cannot swim 25m</i>	1.00		
