

**Supplementary Table 1 Randomization check: Separate regressions' results of control variables (e.g., demographics, etc.)**

	<b>Changes in demographics, lifestyle changes, and pre-existing health conditions</b>			
	<b>Common samples of GAD-7 (<i>n</i> = 18948)</b>		<b>Common samples of IES-R (<i>n</i> = 17739)</b>	
	<b>July 4, 2020 (95%CI)</b>	<b>July 24, 2020 (95%CI)</b>	<b>July 4, 2020 (95%CI)</b>	<b>July 24, 2020 (95%CI)</b>
<b>Key worker</b>				
No	..	..	..	..
Health worker	7.3% (-8.5 to 23.1)	16.7% (0.9 to 32.5)	7.4% (-8.1 to 23.0)	16.8% (0.6 to 33.0)
Non-health worker	-5.5% (-10.4 to -0.7)	-9.9% (-15.9 to -3.9)	-6.0% (-10.9 to -1.1)	-17% (-17.1 to -4.4)
<b>Gender</b>				
Female	..	..	..	..
Male	3.0% (-3.5 to 9.5)	-3.9% (-9.5 to 1.6)	3.6% (-2.6 to 9.8)	-3.3% (-9.6 to 3.0)
<b>Age range</b>				
Under 21	..	..	..	..
21-24	0.4% (-1.8 to 2.6)	-0.7% (-2.7 to 1.2)	0.7% (-1.5 to 2.8)	0.3% (-1.8 to 2.4)
25-34	-3.5% (-8.8 to 1.7)	0.4% (-5.4 to 6.2)	-3.0% (-8.6 to 2.6)	0.1% (-5.7 to 5.8)
35-44	-2.1% (-8.6 to 4.5)	5.1% (-0.9 to 11.1)	-2.0% (-8.6 to 4.5)	4.3% (-2.0 to 10.6)
45-54	-1.2% (-5.4 to 3.0)	3.1% (-0.5 to 6.6)	-1.7% (-5.8 to 2.4)	1.2% (-2.4 to 4.7)
55-64	0.8% (-3.2 to 4.9)	-9.1% (-14.5 to -3.8)	0.4% (-3.3 to 4.1)	-7.1% (-13.1 to -1.1)
65 and over	7.6% (-4.5 to 19.6)	3.0% (-5.3 to 11.2)	7.7% (-3.8 to 19.2)	2.8% (-5.2 to 10.9)

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Ethnicity				
Non-white	..	..	..	..
White	1.2% (-2.5 to 4.9)	-2.2% (-7.0 to 2.6)	1.5% (-2.2 to 5.1)	-2.4% (-7.1 to 2.3)
Religion				
Non-Christian	..	..	..	..
Christian	1.0% (-2.9 to 4.8)	4.0% (-2.3 to 10.2)	0.6% (-3.3 to 4.6)	3.4% (-2.2 to 9.1)
Education				
A-level or less	..	..	..	..
Higher degree	2.0% (-4.2 to 8.2)	16.8% (7.7 to 25.9)	3.1% (-2.8 to 9.1)	15.8% (6.5 to 25.2)
Accommodation				
Rented	..	..	..	..
Own	8.1% (1.7 to 14.5)	13.0% (3.9 to 22.1)	8.2% (1.6 to 14.7)	11.8% (2.6 to 21.0)
No	..	..	..	..
Yes (without shielding)	2.7% (-3.0 to 8.4)	-3.2% (-8.4 to 2.0)	1.7% (-3.1 to 6.5)	-2.8% (-8.0 to 2.3)
Yes (with shielding)	0.2% (-2.4 to 2.8)	1.6% (-1.6 to 4.8)	-0.0% (-2.9 to 2.8)	0.3% (-3.3 to 3.8)
Experienced coronavirus				
No	..	..	..	..
Yes	0.3% (-3.1 to 3.7)	2.8% (-2.5 to 8.0)	0.3% (-3.2 to 3.7)	3.0% (-3.1 to 9.2)

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No	..	..	..	..
Yes	-9.1% (-12.8 to -5.5)	-11.2% (-16.3 to -6.1)	-9.2% (-12.8 to -5.6)	-11.7% (-18.0 to -5.3)
Drinking alcohol				
Never	..	..	..	..
Monthly or less	-3.6% (-6.3 to -0.9)	-4.5% (-8.1 to -1.0)	-3.4% (-6.4 to -0.5)	-2.9% (-7.0 to 1.1)
2-4 times a month	1.1% (-2.4 to 4.7)	3.7% (-1.3 to 8.6)	1.6% (-2.1 to 5.3)	3.9% (-2.0 to 9.8)
2-3 times a week	-1.2% (-5.0 to 2.7)	-2.6% (-7.2 to 2.1)	-1.5% (-5.2 to 2.1)	-3.9% (-9.1 to 1.2)
4 times or more a week	3.8% (-0.9 to 8.5)	3.7% (-1.2 to 8.5)	3.5% (-1.6 to 8.6)	3.2% (-1.8 to 8.1)
Taking drug				
No	..	..	..	..
Yes	-0.2% (-2.0 to 1.7)	-1.8% (-3.7 to 0.1)	0.1% (-1.7 to 1.9)	-1.4% (-3.3 to 0.4)
Suicidal thought ever				
No	..	..	..	..
Yes	-3.9% (-7.2 to -0.6)	-6.4% (-14.6 to 1.8)	-3.6% (-7.2 to -0.1)	-6.3% (-15.7 to 3.0)

Note: Cluster/date/trend adjusted 95% confidence intervals are in parentheses. GAD-7: Generalised anxiety disorder-7; IES-R: Impact of events scale-revised.