

**Supplementary Material S8.** Linear mixed effects models using repeated measures of calendar date with piecewise linear splines and child sleep duration (minutes per day), stratified by age<sup>a</sup>

< 5 years old						≥ 5 years olds					
Subjects	Observations	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)	Subjects	Observations	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)
<b>Aug 29, 2013 to Mar 16, 2020 (pre-COVID-19)</b>											
558 <sup>b</sup>	1234	763.1 (114.6)	-0.05* (-0.06 to -0.04)	<.001	-112.2	143 <sup>b</sup>	242	622.6 (47.2)	-0.02 (-0.03 to -0.01)	.003	-39.5
<b>Mar 17, 2020 to Jun 23, 2020 (1<sup>st</sup> lockdown)</b>											
82	159	651.2 (46.7)	-1.01* (-1.16 to -0.88)	<.001	-100.0	108	187	616.9 (45.2)	0.10 (-0.02 to 0.22)	.11	9.9
<b>June 24, 2020 to Nov 22, 2020 (1<sup>st</sup> reopening)</b>											
159	509	652.4 (52.5)	0.01 (-0.09 to 0.11)	.83	1.7	222	705	619.9 (57.9)	-0.06* (-0.11 to -0.02)	.004	-9.8
<b>Nov 23, 2020 to Jun 10, 2021 (2<sup>nd</sup> lockdown)</b>											

137	392	646.4 (48.6)	-0.07 (-0.17 to 0.02)	.12	-14.8	292	929	614.3 (45.0)	-0.02 (-0.06 to 0.01)	.16	-4.9
<b>Jun 11, 2021 to present (2<sup>nd</sup> reopening)</b>											
71	123	636.7 (48.8)	-0.08 (-0.45 to 0.30)	.69	-6.1	190	325	615.6 (48.8)	0.05 (-0.08 to 0.17)	.46	3.9

<sup>a</sup>Adjusted for child sex, maternal ethnicity, parent-reported annual household income

<sup>b</sup>The sum of age-stratified subject totals from the Aug 29, 2013 to Mar 16, 2020 (pre-COVID-19) period may exceed 589 because some subjects may have belonged to both groups (at different times) during the course of the 7 year pre-COVID-19 period.

\*p<.05