

Supplementary Material S6. Linear mixed effects models using repeated measures of calendar date with piecewise linear splines and child outdoor time (minutes per day), stratified by age^a

< 5 years old						≥ 5 years olds					
Subject s	Observation s	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)	Subject s	Observation s	Mean (SD) (minutes)	Slope estimate (95% CI) (minutes/day)	<i>P</i>	Average total change (minutes)
Aug 29, 2013 to Mar 16, 2020 (pre-COVID-19)											
558 ^b	1234	107.1 (53.1)	0.003 (-0.003 to 0.01)	.39	6.6	143 ^b	242	108.3 (50.1)	-0.02 (-0.04 to .01)	.13	-41.6
Mar 17, 2020 to Jun 23, 2020 (1st lockdown)											
82	159	180.9 (100.7)	0.91* (0.80 to 1.01)	<.001	89.8	108	187	156.3 (108.8)	0.97* (0.71 to 1.23)	<.001	95.8
June 24, 2020 to Nov 22, 2020 (1st reopening)											
159	509	168.9 (96.3)	-0.54* (-0.62 to -0.46)	<.001	-81.8	222	705	166.4 (117.6)	-0.54* (-0.63 to -0.45)	<.001	-81.9
Nov 23, 2020 to Jun 10, 2021 (2nd lockdown)											

137	392	111.9 (66.3)	0.08* (0.01 to 0.16)	.02	16.9	292	929	98.4 (75.9)	-0.06 (-0.14 to 0.01)	.09	-12.6
Jun 11, 2021 to present (2nd reopening)											
71	123	175.7 (83.5)	0.87* (0.58 to 1.16)	<.001	70.3	190	325	185.1 (128.9)	2.20* (1.94 to 2.47)	<.001	178.2

^aAdjusted for child sex, maternal ethnicity, parent-reported annual household income, dwelling, # of siblings

^bThe 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