

Supplementary Material S3. Linear mixed effects models using repeated measures of calendar date with piecewise linear splines and child screen 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	147.9 (104.7)	-0.01 (-0.02 to 0.01)	.53	-13.9	143 ^b	242	121.9 (81.6)	0.03 (-0.02 to 0.08)	.24	71.8
Mar 17, 2020 to Jun 23, 2020 (1st lockdown)											
82	159	522.4 (287.4)	3.44* (3.14 to 3.74)	<.00 1	340.6	108	187	491.0 (220.4)	3.23* (2.67 to 3.80)	<.00 1	319.8
June 24, 2020 to Nov 22, 2020 (1st reopening)											
159	509	459.5 (292.0)	-0.10 (-0.33 to 0.12)	.37	-15.7	222	705	487.7 (276.3)	0.10 (-0.11 to 0.30)	.35	14.5
Nov 23, 2020 to Jun 10, 2021 (2nd lockdown)											
137	392	497.9 (293.6)	0.35* (0.14 to 0.56)	<.00 1	69.6	292	929	538.8 (273.8)	0.07 (-0.09 to 0.23)	.42	13.3
Jun 11, 2021 to present (2nd reopening)											
71	123	470.8 (306.7)	-1.09* (-1.90 to -0.27)	.009	-88.3	190	325	482.0 (284.5)	-1.49* (-2.07 to -0.92)	<.00 1	-120.7

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

^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.

* $p < .05$.