

Supplemental Information

SUPPLEMENTAL TABLE 5 Linear Regression Examining Potential Modification From Parental Education on Association Between Parental Mental Health With Problematic Media Use

Family Characteristics	Child Problematic Media Use	
	Age 6–10 B (95% CI) <i>P</i>	Age 11–17 B (95% CI) <i>P</i>
Child age	0.56 (−0.16 to 1.28) .128	−0.07 (−0.62 to 0.47) .79
Child gender		
Male	(ref)	(ref)
Female	−2.15 (−4.17 to −0.13) .038	−0.46 (−2.51 to 1.61) .66
Public insurance	1.45 (−1.03 to 3.94) .253	−1.73 (−4.57 to 1.12) .236
Parent education		
Less than high school	(ref)	(ref)
Some college	−0.04 (−3.70 to 3.61) .982	−0.51 (−5.05 to 4.03) .827
4-y degree	0.77 (−3.03 to 4.57) .69	−2.93 (−7.03 to 1.18) .164
Post-graduate degree	−0.98 (−5.78 to 3.83) .692	−6.11 (−10.60 to −1.62) .009
Parent employment		
No parents employed	(ref)	(ref)
1 or more parents part-time	—	—
All parents full-time	1.61 (−0.47 to 3.69) .132	2.00 (−0.10 to 4.10) .064
Parent PHQ-4 score	0.63 (−0.02 to 1.27) .059	1.30 (0.56 to 2.03) .001
Parent work from home		
No	(ref)	(ref)
Some of the time	0.25 (−2.56 to 3.07) .861	0.13 (−2.58 to 2.84) .924
All of the time	1.67 (−0.93 to 4.27) .209	1.63 (−0.90 to 4.17) .208
Impact of COVID-19 on parent self-care behaviors	0.41 (−0.03 to 0.84) .069	0.22 (−0.25 to 0.69) 0.353
School modality		
Remote	(ref)	(ref)
Hybrid	0.88 (−1.53 to 3.29) 0.477	0.61 (−1.66 to 2.87) .601
In-person	−0.09 (−2.68 to 2.51) .947	−2.21 (−5.37 to 0.94) .171
During pandemic media rules	−0.30 (−0.89 to 0.30) .334	0.74 (−0.01 to 1.38) .025
Change in screen rules from pre-pandemic	0.85 (−0.04 to 1.74) .062	−0.018 (−1.26 to 1.23) .978
Some college: parent PHQ-4 score	0.32 (−0.58 to 1.22) .484	−0.92 (−1.81 to −0.03) .044
4-y degree: parent PHQ-4 score	0.46 (−0.57 to 1.48) .39	−0.07 (−0.10 to 0.86) .883
Post-graduate degree: parent PHQ-4 score	0.46 (−0.57 to 1.48) .387	0.85 (−0.08 to 1.78) .074

B, Unstandardized beta; CI, confidence interval; —, category not included in analysis.

SUPPLEMENTAL TABLE 6 Linear Regression Examining Potential Modification From Parental Employment on Association Between Parental Mental Health With Problematic Media Use

Family Characteristics	Child Problematic Media Use	
	Age 6–10 B (95% CI) <i>P</i>	Age 11–17 B (95% CI) <i>P</i>
Child age	0.56 (–0.15 to 1.28) .126	–0.05 (–0.61 to 0.52) .868
Child gender		
Male	(ref)	(ref)
Female	–2.11 (–4.15 to –0.08) .044	–0.46 (–2.57 to 1.64) .667
Public insurance	1.36 (–1.06 to 3.77) .273	–2.23 (–5.13 to 0.66) .132
Parent education		
Less than high school	(ref)	(ref)
Some college	0.85 (–1.96 to 3.66) .554	–4.78 (–8.14 to –1.41) .006
4-y degree	0.79 (–2.11 to 3.68) .595	–3.54 (–6.82 to –0.25) .036
Post-graduate degree	0.53 (–2.95 to 4.00) .767	–3.26 (–6.76 to 0.24) .070
Parent employment		
No parents employed	(ref)	(ref)
1 or more parents part-time	—	—
All parents full-time	1.83 (–1.00 to 4.66) .208	2.69 (–0.40 to 5.79) .090
Parent PHQ-4 score	0.85 (0.28 to 1.43) .005	1.31 (0.69 to 1.94) <.001
Parent works from home		
No	(ref)	(ref)
Some of the time	0.20 (–2.59 to 3.00) .887	0.02 (–2.78 to 2.81) .991
All of the time	1.39 (–1.15 to 3.93) .285	2.64 (0.07 to 5.22) .046
Impact of COVID-19 on parent self-care behaviors	0.38 (–0.05 to 0.81) .084	0.13 (–0.35 to 0.61) .593
School modality		
Remote	(ref)	(ref)
Hybrid	0.66 (–1.73 to 3.05) .591	0.70 (–1.65 to 3.05) .561
In-person	–1.4 (–2.73 to 2.45) .917	–1.95 (–5.17 to 1.27) .237
During pandemic media rules	–0.31 (–0.90 to 0.29) .312	0.80 (0.14 to 1.47) .019
Change in screen rules from pre-pandemic	0.79 (–0.09 to 1.67) .080	0.151 (–1.13 to 1.43) .819
All parents full-time: parent PHQ-4 score	–0.08 (–0.77 to 0.62) .823	–0.09 (–0.79 to 0.61) .799

B, Unstandardized beta; CI, confidence interval; —, category not included in analysis

SUPPLEMENTAL TABLE 7 Linear Regression Examining Potential Modification From Parental Education on Association Between COVID-19 Related Self-Care With Problematic Media Use

Family Characteristics	Child Problematic Media Use	
	Age 6–10 B (95% CI) P	Age 11–17 B (95% CI) P
Child age	0.58 (−0.13 to 1.30) .113	−0.05 (−0.62 to 0.52) .871
Child gender		
Male	(ref)	(ref)
Female	−2.16 (−4.16 to −0.16) .036	−0.34 (−2.51 to 1.84) .763
Public insurance	1.39 (−1.03 to 3.80) .262	−2.04 (−4.96 to 0.88) .173
Parent education		
Less than high school	(ref)	(ref)
Some college	−7.62 (−16.38 to 1.15) .090	−8.56 (−19.02 to 1.91) 0.111
4-y degree	−1.78 (−10.45 to 6.90) .689	−7.33 (−17.30 to 2.63) .151
Post-graduate degree	−0.04 (−10.67 to 10.59) .995	−6.39 (−16.21 to 3.42) .20
Parent employment		
No parents employed	(ref)	(ref)
1 or more parents part-time	—	—
All parents full-time	1.56 (−0.52 to 3.65) .143	2.44 (0.27 to 4.62) .029
Parent PHQ-4 score	0.80 (0.44 to 1.16) <.001	1.25 (0.92 to 1.58) <.001
Parent work from home		
No	(ref)	(ref)
Some of the time	0.27 (−2.52 to 3.06) .851	0.15 (−2.67 to 2.96) .919
All of the time	1.50 (−1.01, 4.02) 0.243	2.61 (0.03 to 5.20) .050
Impact of COVID-19 on parent self-care behaviors	−0.05 (−0.87 to 0.76) .903	−0.25 (−1.20 to 0.70) .608
School modality		
Remote	(ref)	(ref)
Hybrid	0.73 (−1.64 to 3.10) .548	0.67 (−1.71 to 3.04) .583
In-person	−0.30 (−2.90 to 2.30) .821	−2.02 (−5.29 to 1.25) .229
During pandemic media rules	−0.34 (−0.93 to 0.25) .265	0.850 (0.17 to 1.53) .015
Change in screen rules from prepandemic	0.75 (−0.15, to1.64) .103	0.16 (−1.13 to 1.46) .806
Some college: parent self-care behaviors	1.08 (0.01 to 2.15) .050	0.53 (−0.80 to 1.86) .806
4-y college: parent self-care behaviors	0.35 (−0.74 to 1.43) .530	0.53 (−0.76 to 1.82) .420
Post-graduate degree: parent self-care behaviors	0.09 (−1.24 to 1.42) .898	0.45 (−0.92 to 1.83) .518

B, unstandardized beta; CI, confidence interval; —, category not included in analysis.