

Table 1 Sample characteristics ($n=2164$)

Characteristics	<i>n</i>	%	<i>M</i>	<i>SD</i>
Father's education			14.40	2.61
Elementary school and below	15	0.7		
Junior high school	118	5.5		
Senior high school (professional school)	622	28.7		
Junior college	314	14.5		
University or two-year college	701	32.4		
Master and above	352	16.3		
Mother's education			14.38	2.48
Elementary school and below	20	0.9		
Junior high school	112	5.2		
Senior high school (professional school)	560	25.9		
Junior college	347	16.0		
University or two-year college	865	40.0		
Master and above	229	10.6		
Father's NES				
Never	966	47.1		
Rarely	694	33.8		
Sometimes	343	16.7		
Often	48	2.3		

Table 1 Sample characteristics ($n=2164$) (*Continued*)

Characteristics	<i>n</i>	%	<i>M</i>	<i>SD</i>
Mother's NES				
Never	872	41.5		
Rarely	690	32.8		
Sometimes	456	21.7		
Often	84	4.0		
Children's health status				
Severe health problem	3	0.1		
Often sick	44	2.0		
Normal and occasionally sick	758	35.1		
Very healthy	1,355	62.7		
Using stationary devices				
None	118	5.5		
Less than 0.5 hour	346	16.0		
0.5–1 hour	460	21.3		
1–1.5 hours	313	14.5		
1.5–2 hours	299	13.8		
2–2.5 hours	142	6.6		
2.5–3 hours	164	7.6		
3–3.5 hours	74	3.4		
3.5–4 hours	77	3.6		

Table 1 Sample characteristics (*n*=2164) (*Continued*)

Characteristics	<i>n</i>	%	<i>M</i>	<i>SD</i>
4–4.5 hours	49	2.3		
4.5–5 hours	29	1.3		
More than 5 hours	88	4.1		
Using mobile devices				
None	527	24.4		
Less than 0.5 hour	751	34.8		
0.5–1 hour	409	18.9		
1–1.5 hours	159	7.4		
1.5–2 hours	138	6.4		
2–2.5 hours	50	2.3		
2.5–3 hours	52	2.4		
3–3.5 hours	14	0.6		
3.5–4 hours	14	0.6		
4–4.5 hours	13	0.6		
4.5–5 hours	6	0.3		
More than 5 hours	27	1.3		
Time with children on weekdays				
None	75	3.5		
Less than 1hour	43	2.0		
1–2 hours	181	8.4		

Table 1 Sample characteristics ($n=2164$) (*Continued*)

Characteristics	<i>n</i>	%	<i>M</i>	<i>SD</i>
2–3 hours	282	13.1		
3–4 hours	295	13.7		
4–5 hours	271	12.6		
5–6 hours	190	8.8		
6–7 hours	78	3.6		
7–8 hours	84	3.9		
8–9 hours	56	2.6		
9–10 hours	50	2.3		
More than 10 hours	553	25.6		
Time with children on weekends and holidays				
None	3	0.1		
Less than 1 hour	9	0.4		
1–2 hours	25	1.2		
2–3 hours	33	1.5		
3–4 hours	44	2.0		
4–5 hours	71	3.3		
5–6 hours	94	4.4		
6–7 hours	52	2.4		
7–8 hours	129	6.0		

Table 1 Sample characteristics ($n=2164$) (*Continued*)

Characteristics	<i>n</i>	%	<i>M</i>	<i>SD</i>
8–9 hours	98	4.5		
9–10 hours	106	4.9		
More than 10 hours	1,491	69.2		

Table 2 Regression analysis for children's sociability (moderating effect)

	<i>t</i>	β	VIF
Control variables			
Father's education	-0.003	.000	1.667
Mother's education	1.411	.041	1.705
Father's NES	-0.839	-.027	2.187
Mother's NES	-1.012	-.033	2.201
Children's health status	4.264	.096**	1.046
Independent variables			
Using stationary devices	-3.183	-.074***	1.097
Using mobile devices	-2.286	-.054*	1.137
Moderator variables			
Time with children on weekdays	1.750	.042	1.149
Time with children on weekends and holidays	2.496	.060*	1.175

Table 2 Regression analysis for children's sociability (moderating effect) (*Continued*)

	<i>t</i>	β	VIF
Using stationary devices \times Time with children on weekdays	2.018	.048*	1.174
Using stationary devices \times Time with children on weekends and holidays	-0.491	-.012	1.266
Using mobile devices \times Time with children on weekdays	0.699	.017	1.198
Using mobile devices \times Time with children on weekends and holidays	-0.169	-.004	1.308
<i>F</i>		6.483**	
<i>df</i>		1,959	
R^2 (adjusted R^2)		.041 (.035)	

* $p < .05$. ** $p < .001$.

Table 3 Hierarchical regression analysis for children's sociability (mediating effect)

	Step1			Step2		
	<i>t</i>	β	VIF	<i>t</i>	β	VIF
Control variables						
Father's education	0.041	.001	1.657	-0.086	-.002	1.661
Mother's education	1.300	.037	1.681	1.353	.039	1.698
Father's NES	-0.735	-.024	2.185	-0.793	-.026	2.185
Mother's NES	-1.173	-.039	2.193	-1.080	-.035	2.199
Children's health status	4.519	.102***	1.028	4.183	.094***	1.039
Independent variables						
Using stationary devices	-3.436	-.079***	1.085	-3.246	-.075***	1.089
Using mobile devices	-2.598	-.061**	1.101	-2.392	-.056*	1.107

Table 3 Hierarchical regression analysis for children's sociability (mediating effect) (*Continued*)

	Step1			Step2		
	<i>t</i>	β	VIF	<i>t</i>	β	VIF
Mediator variables						
Time with children on weekdays				1.717	.041	1.147
Time with children on weekends and holidays				2.579	.061**	1.154
<i>F</i> (ΔF)	9.221*** (9.221***)			8.774*** (7.010***)		
<i>df</i>	1,965			1,963		
R^2 (adjusted R^2)	.032 (.028)			.039(.034)		
ΔR^2	.032			.007		

* $p < .05$. ** $p < .01$. *** $p < .001$.

Table 4 Regression analysis for time with children on weekends and holidays
(mediating effect)

	<i>t</i>	β	VIF
Control variables			
Father's education	2.129	.061*	1.660
Mother's education	1.437	.041	1.685
Father's NES	0.375	.012	2.189
Mother's NES	-1.929	-.063	2.197
Children's health status	2.339	.053*	1.028
Independent variables			
Using stationary devices	-1.621	-.038	1.087
Using mobile devices	-3.237	-.075***	1.103
<i>F</i>		8.368***	
<i>df</i>		1,971	
R^2 (adjusted R^2)		.029 (.025)	
* $p < .05$. ** $p < .001$.			