

**Supplementary Tables:****Table S1.** Mean scores of impulsivity for each tertile, grouping by gender

	Total impulsivity		AI		MI		NPI	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Lowest tertile	1.71 (0.16)	1.70 (0.17)	1.61 (0.16)	1.60 (0.16)	1.63 (0.17)	1.63 (0.17)	1.61 (0.25)	1.61 (0.25)
Middle tertile	2.05 (0.08)	2.05 (0.08)	2.00 (0.10)	2.01 (0.10)	2.03 (0.10)	2.05 (0.10)	2.14 (0.10)	2.14 (0.10)
Highest tertile	2.43 (0.19)	2.40 (0.20)	2.49 (0.26)	2.44 (0.24)	2.58 (0.30)	2.54 (0.27)	2.61 (0.25)	2.62 (0.24)
Skewness	0.24	0.24	0.45	0.48	0.76	0.64	0.05	-0.05

**Table S2.** Factors associated with bullying among all samples: results of a multivariable binary logistic regression model

Variables	Model 1	Model 2	Model 3	Model 4
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Age (years)				
11~13	ref	ref	ref	ref
14~16	0.58 (0.33-1.02)	0.59 (0.34-1.02)	0.52 (0.29-0.92)	0.59 (0.34-1.02)
Gender				
Boys	ref	ref	ref	ref
Girls	0.42 (0.23-0.74)	0.46 (0.26-0.82)	0.43 (0.24-0.77)	0.42 (0.23-0.74)
No. of close friends				
0~3	ref	ref	ref	ref
4~6	0.90 (0.47-1.74)	0.90 (0.47-1.74)	0.92 (0.47-1.78)	0.94 (0.49-1.81)
≥7	1.39 (0.74-2.59)	1.26 (0.68-2.33)	1.31 (0.70-2.46)	1.39 (0.75-2.61)
Perceived care from the primary caregiver				
Lower	ref	ref	ref	ref
Higher	0.56 (0.31-1.00)	0.55 (0.31-0.98)	0.57 (0.31-1.03)	0.55 (0.31-0.97)

Variables	Model 1	Model 2	Model 3	Model 4
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Only child				
Yes	ref	ref	ref	ref
No	1.59 (0.89-2.84)	1.58 (0.89-2.82)	1.64 (0.91-2.95)	1.52 (0.85-2.71)
Neighbors caring for each other				
Never or seldom	ref	ref	ref	ref
Sometimes	0.53 (0.28-0.99)	0.57 (0.30-1.06)	0.54 (0.28-1.02)	0.54 (0.29-1.02)
Always	0.55 (0.28-1.07)	0.54 (0.28-1.05)	0.51 (0.26-1.00)	0.54 (0.28-1.07)
Being bullied within 6 months				
No	ref	ref	ref	ref
Yes	7.25 (3.67-14.31)	7.73 (3.91-15.26)	7.58 (3.83-15.01)	7.97 (4.04-15.71)
Impulsivity				
Lowest tertile	ref	ref	ref	ref
Middle tertile	2.30 (0.97-5.44)	1.00 (0.47-2.16)	0.98 (0.44-2.16)	1.06 (0.49-2.27)
Highest tertile	3.62 (1.65-7.94)	1.94 (0.99-3.79)	3.51 (1.78-6.92)	2.04 (1.02-4.08)

Note: the impulsivity in the model 1, 2, 3, and 4 refers to the total, attentional, motor, and non-planning impulsivity, respectively.

**Table S3.** Factors associated with physical violence among all samples: results of a multivariable binary logistic regression model

Variables	Model 1	Model 2	Model 3	Model 4
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Age (years)				
11~13	ref	ref	ref	ref
14~16	0.72 (0.41-1.24)	0.71 (0.41-1.23)	0.69 (0.39-1.20)	0.72 (0.42-1.24)
Gender				

Variables	Model 1	Model 2	Model 3	Model 4
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Boys	ref	ref	ref	ref
Girls	0.40 (0.22-0.71)	0.45 (0.25-0.80)	0.42 (0.23-0.75)	0.40 (0.23-0.72)
No. of close friends				
0~3	ref	ref	ref	ref
4~6	1.26 (0.65-2.45)	1.25 (0.65-2.44)	1.26 (0.65-2.46)	1.28 (0.66-2.47)
≥7	1.60 (0.84-3.05)	1.46 (0.77-2.78)	1.48 (0.78-2.83)	1.58 (0.83-3.01)
Perceived care from the primary caregiver				
Lower	ref	ref	ref	ref
Higher	0.68 (0.38-1.19)	0.68 (0.38-1.20)	0.67 (0.38-1.19)	0.66 (0.37-1.15)
Only child				
Yes	ref	ref	ref	ref
No	1.33 (0.72-2.44)	1.32 (0.72-2.42)	1.34 (0.73-2.47)	1.29 (0.71-2.37)
Neighbors caring for each other				
Never or seldom	ref	ref	ref	ref
Sometimes	0.64 (0.34-1.21)	0.68 (0.36-1.28)	0.66 (0.35-1.24)	0.66 (0.35-1.23)
Always	0.57 (0.28-1.13)	0.57 (0.29-1.13)	0.53 (0.27-1.05)	0.54 (0.27-1.08)
Being bullied within 6 months				
No	ref	ref	ref	ref
Yes	7.40 (3.74-14.64)	7.77 (3.92-15.36)	7.65 (3.87-15.15)	8.18 (4.15-16.16)
Impulsivity				
Lowest tertile	ref	ref	ref	ref
Middle tertile	2.28 (0.97-5.37)	1.20 (0.54-2.65)	1.51 (0.70-3.24)	1.31 (0.63-2.73)
Highest tertile	3.57 (1.62-7.83)	2.41 (1.19-4.88)	3.13 (1.54-6.34)	1.84 (0.91-3.70)

Note: the impulsivity in the model 1, 2, 3, and 4 refers to the total, attentional, motor, and non-planning impulsivity, respectively.

**Table S4.** Summary score (mean  $\pm$  SD) of impulsivity, grouping by gender and aggressive behavior

	Boys			Girls		
	Aggressors	Non-aggressors	<i>P</i>	Aggressors	Non-aggressors	<i>P</i>
Total impulsivity	68.07 (11.12)	60.46 (9.77)	<0.001 <sup>*</sup>	69.79 (12.34)	60.84 (9.70)	<0.001 <sup>&amp;</sup>
AI	18.14 (3.65)	16.12 (3.12)	<0.001 <sup>&amp;</sup>	17.76 (3.70)	15.56 (2.88)	0.001 <sup>&amp;</sup>
MI	25.04 (5.46)	21.81 (4.44)	<0.001 <sup>&amp;</sup>	25.70 (5.78)	21.86 (4.45)	<0.001 <sup>&amp;</sup>
NPI	24.99 (4.90)	22.63 (5.14)	<0.001 <sup>*</sup>	26.48 (5.77)	23.49 (5.03)	0.001 <sup>*</sup>

\*: two-independent t-test; &: Wilcoxon test