

ONLINE APPENDIX

Appendix A. Correlation matrix for the study variables

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 Sex ^a																
2 Place of birth ^a	.01															
3 Family adversity	.02	.09														
4 Abstract reasoning (Raven's Matrices)	-.04	-.07	-.17													
5 Grade retention in elementary school ^a	.07	.15	.19	-.26												
6 Communication with parents (Age 12)	.07	-.05	-.08	-.01	.02											
7 Parental supervision (Age 12)	-.15	-.01	-.10	.15	-.10	.19										
8 Conflict with parents (Age 12)	-.15	-.01	.09	-.07	-.02	-.40	-.13									
9 Peer deviancy (Age 12)	.08	-.01	.08	-.13	.07	-.18	-.31	.24								
10 Peer academic disengagement (Age 12)	.13	.03	.16	-.18	.24	-.09	-.28	.12	.42							
11 School achievement (Age 12)	-.07	.01	-.27	.46	-.23	.08	.21	-.19	-.17	-.27						
12 School engagement (Age 12)	-.13	.06	-.11	.09	-.03	.33	.30	-.31	-.33	-.22	.21					
13 Drug use (Age 12)	.04	.00	.12	-.11	.07	-.17	-.27	.22	.50	.36	-.14	-.32				
14 Delinquency (Age 12)	.19	.00	.12	-.14	.10	-.20	-.29	.17	.45	.42	-.16	-.36	.65			
15 Social anxiety (Age 12)	-.28	.02	.05	-.04	-.01	-.13	.11	.23	.00	-.01	-.13	.05	.03	.01		
16 Depressive symptoms (Age 12)	-.14	.01	.14	-.12	.03	-.35	-.15	.38	.24	.19	-.18	-.23	.33	.34	.40	
17 Victimization (Age 13)	.13	.03	.06	-.12	.08	-.12	-.13	.16	.18	.14	-.10	-.13	.17	.23	.12	.28
18 Witnessing total violence (Age 13)	.09	.03	.08	-.08	.05	-.08	-.13	.16	.22	.12	-.06	-.19	.16	.20	.06	.21
19 Witnessing covert violence (Age 13)	.06	.03	.04	-.06	.04	-.05	-.09	.08	.16	.06	-.03	-.12	.09	.14	.04	.13
20 Witnessing minor violence (Age 13)	.00	.01	.07	.01	-.01	-.08	-.05	.20	.14	.04	.00	-.16	.11	.10	.11	.22
21 Witnessing major violence (Age 13)	.16	.05	.08	-.14	.11	-.07	-.18	.10	.24	.19	-.12	-.19	.19	.27	-.01	.15
22 School achievement (Age 15)	-.13	.02	-.18	.31	-.18	.02	.17	-.10	-.13	-.18	.54	.15	-.09	-.11	-.03	-.07
23 School engagement (Age 15)	-.20	.06	-.07	.07	.02	.17	.17	-.20	-.18	-.09	.15	.43	-.13	-.14	.06	-.07
24 Drug use (Age 15)	.09	-.06	.05	-.08	-.02	-.05	-.20	.16	.29	.11	-.13	-.18	.30	.20	.00	.14
25 Delinquency (Age 15)	.27	.01	.04	-.12	.07	-.04	-.15	.07	.18	.13	-.14	-.14	.20	.26	-.07	.09
26 Social anxiety (Age 15)	-.30	.01	-.02	.04	-.03	-.03	.10	.09	-.06	-.07	.07	.10	-.04	-.08	.42	.13
27 Depressive symptoms (Age 15)	-.11	.01	.07	-.06	-.01	-.12	-.05	.14	.11	.06	-.06	-.08	.10	.10	.19	.27

Significant correlations ($p < .05$) in bold. Males, children born outside of Canada, who experienced grade retention, or dropped out were coded as 1.

Appendix B. Association between witnessing violence, victimization, and potential confounders in Grades 7-8 and subsequent missing values on outcome variables in Grade 10.

	Missing value on any outcome in Grade 10 (=1); OR (95% CI)
Sex ^a	1.57 (1.37, 1.80)***
Place of birth ^a	1.00 (1.00, 1.01) ^{n.s.}
Family adversity	1.00 (.99, 1.00)***
Abstract reasoning (Raven's Matrices)	1.00 (1.00, 1.00)***
Grade retention in elementary school ^a	1.00 (.99, 1.00) ^{n.s.}
Communication with parents (Grade 7)	.99 (.99, .99)***
Parental supervision (Grade 7)	.99 (.99, .99)***
Conflict with parents (Grade 7)	.99 (.99, .99)***
Peer deviancy (Grade 7)	.99 (.99, .99)***
Peer academic disengagement (Grade 7)	.99 (.99, .99)***
School achievement (Grade 7)	1.00 (1.00, 1.00)***
School engagement (Grade 7)	.99 (.99, .99)***
Drug use (Grade 7)	.99 (.99, .99)***
Delinquency (Grade 7)	.99 (.99, 1.00)***
Social anxiety (Grade 7)	.99 (.99, .99)***
Depressive symptoms (Grade 7)	.99 (.99, 1.00)***
Victimization (Grade 8)	1.00 (.99, 1.00)*
Witnessing total violence (Grade 8)	1.29 (1.18, 1.42)***
Witnessing covert violence (Grade 8)	1.15 (1.07, 1.24)***
Witnessing minor violence (Grade 8)	1.06 (1.00, 1.14) [†]
Witnessing major violence (Grade 8)	1.45 (1.33, 1.58)***

*** $p < .001$, ** $p < .01$, * $p < .05$, [†] $p < .10$.

^a Males, students born out of Canada, grade retained and dropouts were coded as 1.