

Table 16

*Hierarchical OLS Regression Model for Lifetime and Past Year CVE Frequency on Youths' Internalizing and Externalizing Symptoms at Wave 1*

Predictor Variables	Internalizing <sup>g</sup>				Externalizing <sup>h</sup>			
	<i>B</i>	<i>SE</i>	95% CI	<i>p</i>	<i>B</i>	<i>SE</i>	95% CI	<i>p</i>
Step 1								
Sex <sup>a</sup>	.97	.36	[.27, 1.66]	.006	-.62	.36	[-1.34, .09]	.088
Cohort	-.04	.04	[-.12, .05]	.395	.03	.04	[-.06, .11]	.521
Hispanic <sup>b</sup>	2.14	.54	[1.08, 3.21]	.000	.32	.56	[-.78, 1.41]	.572
Black <sup>b</sup>	-.58	.59	[-1.73, .56]	.318	1.03	.60	[-.16, 2.21]	.089
Income <sup>c</sup>	-.83	.11	[-1.04, -.62]	.000	-.67	.11	[-.89, -.45]	.000
PC Martial Status <sup>d</sup>	-1.03	.44	[-1.89, -.18]	.018	-2.50	.45	[-3.37, -1.62]	.000
<i>F</i>	26.92 (6, 3461)			.000	24.97 (6, 3461)			.000
<i>R</i> <sup>2</sup>	.045			.000	.041			.000
Step 2								
Sex <sup>a</sup>	.96	.36	[.27, 1.66]	.007	-.65	.37	[-1.37, .06]	.073
Cohort	-.04	.04	[-.13, .05]	.354	.004	.05	[-.08, .09]	.920
Hispanic <sup>b</sup>	2.15	.54	[1.08, 3.21]	.000	.33	.56	[-.76, 1.43]	.55
Black <sup>b</sup>	-.60	.59	[-1.75, .55]	.305	.93	.60	[-.25, 2.11]	.124
Income <sup>c</sup>	-.83	.11	[-1.04, -.61]	.000	-.67	.11	[-.88, -.45]	.000
PC Martial Status <sup>d</sup>	-1.02	.44	[-1.88, -.17]	.019	-2.44	.45	[-3.32, -1.56]	.000
Lifetime CVE <sup>e</sup> Linear	.18	.36	[-.53, .89]	.619	1.07	.37	[.34, 1.81]	.004
<i>F</i>	23.11 (7, 3460)			.000	22.62 (7, 3460)			.000
$\Delta R^2$	0			.619	.002			.004
<i>R</i> <sup>2</sup>	.045				.044			
Step 3								
Sex <sup>a</sup>	.89	.36	[.19, 1.58]	.012	-.73	.37	[-1.44, -.01]	.046
Cohort	-.07	.04	[-.15, .02]	.131	-.02	.05	[-.11, .07]	.639
Hispanic <sup>b</sup>	2.18	.54	[1.12, 3.25]	.000	.37	.56	[-.72, 1.47]	.506
Black <sup>b</sup>	-.70	.59	[-1.85, .45]	.234	.83	.60	[-.35, 2.01]	.167
Income <sup>c</sup>	-.82	.11	[-1.03, -.61]	.000	-.66	.11	[-.88, -.44]	.000
PC Martial Status <sup>d</sup>	-1.01	.43	[-1.86, -.16]	.021	-2.42	.45	[-3.30, -1.55]	.000
Lifetime CVE <sup>e</sup> Linear	2.75	.79	[1.20, 4.29]	.001	3.60	.81	[2.00, 5.19]	.000
Lifetime CVE <sup>e</sup> Quadratic	-.45	.12	[-.69, -.21]	.000	-.44	.13	[-.69, -.20]	.000
<i>F</i>	21.96 (8, 3459)			.000	21.39 (8, 3459)			.000
$\Delta R^2$	.004			.000	.003			.000
<i>R</i> <sup>2</sup>	.049				.047			
Step 4								
Sex <sup>a</sup>	.89	.36	[.19, 1.59]	.012	-.69	.37	[-1.41, .02]	.057
Cohort	-.07	.04	[-.15, .02]	.127	-.03	.05	[-.12, .06]	.529
Hispanic <sup>b</sup>	2.18	.54	[1.12, 3.25]	.000	.37	.56	[-.73, 1.46]	.510
Black <sup>b</sup>	-.71	.59	[-1.85, .44]	.229	.76	.60	[-.42, 1.94]	.205
Income <sup>c</sup>	-.82	.11	[-1.03, -.61]	.000	-.66	.11	[-.88, -.45]	.000
PC Martial Status <sup>d</sup>	-1.01	.43	[-1.86, -.15]	.021	-2.41	.45	[-3.29, -1.54]	.000
Lifetime CVE <sup>e</sup> Linear	2.54	1.02	[.55, 4.53]	.012	1.62	1.04	[-.42, 3.67]	.120
Lifetime CVE <sup>e</sup> Quadratic	-.43	.14	[-.70, -.16]	.002	-.25	.14	[-.53, .03]	.075
PY CVE <sup>f</sup> Linear	.09	.27	[-.43, .61]	.744	.82	.27	[.29, 1.36]	.003
<i>F</i>	19.53 (9, 3458)			.000	20.07 (9, 3458)			.000

$\Delta R^2$	0			.744	.002			.003
$R^2$	.049				.050			
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Step 5								
Sex <sup>a</sup>	.87	.36	[.17, 1.57]	.014	-.73	.36	[-1.45, -.02]	.044
Cohort	-.08	.04	[-.17, .01]	.069	-.05	.05	[-.14, .04]	.240
Hispanic <sup>b</sup>	2.21	.54	[1.15, 3.27]	.000	.42	.56	[-.68, 1.51]	.456
Black <sup>b</sup>	-.74	.59	[-1.89, .41]	.208	.70	.60	[-.48, 1.88]	.244
Income <sup>c</sup>	-.81	.11	[-1.02, -.60]	.000	-.64	.11	[-.86, -.42]	.000
PC Marital Status <sup>d</sup>	-.98	.43	[-1.83, -.12]	.025	-2.36	.45	[-3.23, -1.49]	.000
Lifetime CVE <sup>e</sup> Linear	1.74	1.07	[-.36, 3.85]	.105	.16	1.10	[-2.00, 2.32]	.884
Lifetime CVE <sup>e</sup> Quadratic	-.34	.14	[-.62, -.06]	.017	-.09	.15	[-.38, .20]	.552
PY CVE <sup>f</sup> Linear	1.02	.49	[.06, 1.98]	.038	2.54	.50	[1.55, 3.53]	.000
PY CVE <sup>f</sup> Quadratic	-.09	.04	[-.17, -.01]	.024	-.17	.04	[-.25, -.09]	.000
$F$	18.10 (10, 3457)			.000	19.77 (10, 3457)			.000
$\Delta R^2$	.001			.024	.004			.000
$R^2$	.050				.054			

Notes: CI = confidence interval. PC = primary caregiver. Model uses data from Wave 1. One outlier with a value of Lifetime CVE frequency more than five standard deviations higher than the preceding case was removed.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

<sup>d</sup>Primary caregiver marital status; 0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Lifetime CVE frequency on continuous scale, standardized

<sup>f</sup>Past year CVE frequency on continuous scale, standardized.

<sup>g</sup>CBCL Internalizing T-score.

<sup>h</sup>CBCL Externalizing T-score.

Table 17

*Multivariate GEE Model for Past Year CVE Frequency on Youths' Internalizing and Externalizing Symptoms*

Predictor Variables	Internalizing <sup>g</sup>				Externalizing <sup>h</sup>			
	$\beta$	<i>SE</i>	95% CI	<i>p</i>	$\beta$	<i>SE</i>	95% CI	<i>p</i>
Control Variables								
Sex <sup>a</sup>	.35	.27	[-.19, .88]	.202	.14	.14	[-.14, .41]	.335
Cohort	-.76	.20	[-1.16, -.37]	.000	-.03	.03	[-.08, .02]	.242
Hispanic <sup>b</sup>	.42	.39	[-.35, 1.19]	.282	-.52	.20	[-.90, -.13]	.008
Black <sup>b</sup>	-.86	.43	[-1.70, -.03]	.044	-.07	.22	[-.50, .36]	.750
Income <sup>c</sup>	-.32	.08	[-.49, -.15]	.000	-.11	.05	[-.20, -.02]	.021
PC Marital Status <sup>d</sup>	-.22	.30	[-.81, .37]	.466	-.14	.16	[-.45, .17]	.383
T-1 Outcome <sup>e</sup>	.46	.03	[.40, .52]	.000	3.66	.23	[3.21, 4.12]	.000
Cohort X T-1 Outcome	.01	.004	[.01, .02]	.000	.09	.03	[.03, .15]	.003
Past Year CVE <sup>f</sup>								
PY CVE Linear	3.36	.59	[2.21, 4.52]	.000	1.70	.34	[1.02, 2.37]	.000
PY CVE Quadratic	-.63	.30	[-1.22, -.04]	.037	-.14	.18	[-.48, .21]	.430
Cohort X CVE Interactions								
Cohort X CVE Linear	-.19	.06	[-.31, -.08]	.001	-.06	.03	[-.13, .01]	.092
Cohort X CVE Quadratic	.04	.02	[-.01, .08]	.108	-.001	.01	[-.03, .03]	.970

Note: CI = confidence interval. PC = primary caregiver. Model uses data from Waves 2 and 3.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

<sup>d</sup>0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Value of outcome variable (internalizing symptoms or externalizing symptoms) at Time - 1.

<sup>f</sup>Past year CVE frequency on ordinal scale, standardized.

<sup>g</sup>CBCL Internalizing T-score.

<sup>h</sup>CBCL Externalizing score.

Table 18

*Multivariate GEE Model for Past Year CVE Frequency on Youths' Internalizing and Externalizing Symptoms Controlling for Lifetime CVE Variety*

Predictor Variables	Internalizing <sup>h</sup>				Externalizing <sup>i</sup>			
	$\beta$	SE	95% CI	<i>p</i>	$\beta$	SE	95% CI	<i>p</i>
<b>Control Variables</b>								
Sex <sup>a</sup>	.34	.27	[-.19, .87]	.212	.13	.14	[-.14, .41]	.343
Cohort	-.80	.20	[-1.20, -.40]	.000	-.04	.03	[-.09, .02]	.155
Hispanic <sup>b</sup>	.37	.39	[-.40, 1.14]	.341	-.54	.10	[-.92, -.15]	.006
Black <sup>b</sup>	-.99	.43	[-1.84, -.14]	.023	-.13	.22	[-.56, .31]	.577
Income <sup>c</sup>	-.33	.08	[-.49, -.16]	.000	-.11	.05	[-.20, -.02]	.018
PC Martial Status <sup>d</sup>	-.18	.30	[-.76, .41]	.556	-.12	.16	[-.43, .19]	.442
T-1 Outcome <sup>e</sup>	.46	.03	[.39, .52]	.000	3.64	.23	[3.19, 4.10]	.000
Cohort X T-1 Outcome	.02	.004	[.01, .02]	.000	.09	.03	[.03, .15]	.002
<b>Lifetime CVE Variety<sup>f</sup></b>								
Lifetime CVE Linear	.61	.33	[-.05, 1.26]	.068	.26	.18	[-.09, .61]	.145
Lifetime CVE Quadratic	-.26	.18	[-.62, .09]	.145	-.13	.10	[-.33, .07]	.202
<b>Past Year CVE<sup>g</sup></b>								
PY CVE Linear	2.61	.69	[1.26, 3.96]	.000	1.36	.40	[.58, 2.14]	.001
PY CVE Quadratic	-.42	.32	[-1.05, .213]	.193	-.04	.19	[-.42, .34]	.844
<b>Cohort X CVE Interactions</b>								
Cohort X CVE Linear	-.16	.06	[-.28, -.03]	.016	-.04	.04	[-.11, .03]	.283
Cohort X CVE Quadratic	.03	.02	[-.02, .08]	.236	-.01	.01	[-.03, .02]	.721

Note: CI = confidence interval. PC = primary caregiver. Model uses data from Waves 2 and 3.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

<sup>d</sup>0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Value of outcome variable (internalizing symptoms or externalizing symptoms) at Time - 1.

<sup>f</sup>Lifetime CVE variety (number of different *types* of CVE ever experienced), standardized.

<sup>g</sup>Past year CVE frequency on ordinal scale, standardized.

<sup>h</sup>CBCL Internalizing T-score.

<sup>i</sup>CBCL Externalizing score.

Table 19

*Multivariate GEE Model for Past Year CVE Variety on Youths' Internalizing and Externalizing Symptoms*

Predictor Variables	Internalizing <sup>g</sup>				Externalizing <sup>h</sup>			
	$\beta$	SE	95% CI	<i>p</i>	$\beta$	SE	95% CI	<i>p</i>
<b>Control Variables</b>								
Sex <sup>a</sup>	.37	.27	[-.16, .90]	.169	.16	.14	[-.11, .44]	.249
Cohort	-.79	.20	[-1.18, -.39]	.000	-.03	.03	[-.08, .03]	.295
Hispanic <sup>b</sup>	.42	.39	[-.35, 1.19]	.283	-.51	.20	[-.89, -.12]	.010
Black <sup>b</sup>	-.83	.43	[-1.67, .01]	.053	-.02	.22	[-.46, .41]	.922
Income <sup>c</sup>	-.33	.08	[-.50, -.17]	.000	-.11	.05	[-.20, -.02]	.013
PC Martial Status <sup>d</sup>	-.20	.30	[-.79, .39]	.503	-.13	.16	[-.44, .18]	.413
T-1 Outcome <sup>e</sup>	.46	.03	[.40, .52]	.000	3.68	.23	[3.22, 4.13]	.000
Cohort X T-1 Outcome	.02	.004	[.01, .02]	.000	.09	.030	[.03, .15]	.003
<b>Past Year CVE Variety<sup>f</sup></b>								
PY CVE Linear	3.13	.52	[2.10, 4.16]	.000	1.38	.30	[.80, 1.97]	.000
PY CVE Quadratic	-.74	.38	[-1.48, .01]	.052	-.13	.20	[-.52, .27]	.534
<b>Cohort X CVE Interactions</b>								
Cohort X CVE Linear	-.20	.06	[-.31, -.09]	.000	-.05	.031	[-.11, .02]	.143
Cohort X CVE Quadratic	.06	.030	[-.004, .11]	.069	.002	.02	[-.03, .04]	.909

Note: CI = confidence interval. PC = primary caregiver. Model uses data from Waves 2 and 3.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

<sup>d</sup>0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Value of outcome variable (internalizing symptoms or externalizing symptoms) at Time - 1.

<sup>f</sup>Past year CVE variety (number of different types of CVE experienced in the past year), standardized.

<sup>g</sup>CBCL Internalizing T-score.

<sup>h</sup>CBCL Externalizing score.

Table 20

*Multivariate GEE Model for Past Year CVE Variety on Youths' Internalizing and Externalizing Symptoms Controlling for Lifetime CVE Variety*

Predictor Variables	Internalizing <sup>h</sup>				Externalizing <sup>i</sup>			
	$\beta$	SE	95% CI	<i>p</i>	$\beta$	SE	95% CI	<i>p</i>
<b>Control Variables</b>								
Sex <sup>a</sup>	.36	.27	[-.17, .89]	.183	.16	.14	[-.12, .44]	.265
Cohort	-.83	.20	[-1.22, -.43]	.000	-.04	.03	[-.10, .01]	.124
Hispanic <sup>b</sup>	.37	.39	[-.40, 1.14]	.342	-.53	.20	[-.91, -.15]	.007
Black <sup>b</sup>	-.95	.44	[-1.81, -.10]	.029	-.09	.22	[-.53, .40]	.686
Income <sup>c</sup>	-.34	.08	[-.50, -.17]	.000	-.12	.05	[-.21, -.03]	.011
PC Martial Status <sup>d</sup>	-.16	.30	[-.75, .42]	.586	-.11	.16	[-.42, .20]	.486
T-1 Outcome <sup>e</sup>	.46	.03	[.39, .52]	.000	3.65	.23	[3.20, 4.11]	.000
Cohort X T-1 Outcome	.02	.004	[.01, .02]	.000	.09	.030	[.03, .15]	.003
<b>Lifetime CVE Variety<sup>f</sup></b>								
Lifetime CVE Linear	.70	.35	[.002, 1.39]	.049	.39	.19	[.02, .76]	.039
Lifetime CVE Quadratic	-.27	.20	[-.66, .12]	.171	-.15	.11	[-.37, .06]	.145
<b>Past Year CVE Variety<sup>g</sup></b>								
PY CVE Linear	2.39	.63	[1.16, 3.62]	.000	.96	.35	[.27, 1.66]	.006
PY CVE Quadratic	-.54	.41	[-1.34, .26]	.187	-.01	.22	[-.44, .42]	.963
<b>Cohort X CVE Interactions</b>								
Cohort X CVE Linear	-.17	.06	[-.28, -.05]	.004	-.03	.03	[-.09, .03]	.353
Cohort X CVE Quadratic	.05	.030	[-.01, .11]	.107	-.002	.02	[-.04, .04]	.930

Note: CI = confidence interval. PC = primary caregiver. Model uses data from Waves 2 and 3.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

<sup>d</sup>0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Value of outcome variable (internalizing symptoms or externalizing symptoms) at Time - 1.

<sup>f</sup>Lifetime CVE variety (number of different types of CVE ever experienced), standardized.

<sup>g</sup>Past year CVE variety (number of different types of CVE experienced in the past year), standardized.

<sup>h</sup>CBCL Internalizing T-score.

<sup>i</sup>CBCL Externalizing score.

Table 21

*Hierarchical OLS Regression Model for Lifetime CVE Variety on Youths' Internalizing and Externalizing Symptoms at Wave 3*

Predictor Variables	Internalizing <sup>g</sup>				Externalizing <sup>h</sup>			
	<i>B</i>	<i>SE</i>	95% CI	<i>p</i>	<i>B</i>	<i>SE</i>	95% CI	<i>p</i>
<b>Step 1</b>								
Sex <sup>a</sup>	-.16	.43	[-1.00, .68]	.713	.14	.23	[-.31, .59]	.542
Cohort	-.36	.32	[-.98, .27]	.263	.07	.06	[-.04, .18]	.193
Hispanic <sup>b</sup>	.67	.66	[-.63, 1.97]	.310	.33	.35	[-.36, 1.02]	.351
Black <sup>b</sup>	.53	.71	[-.86, 1.93]	.454	1.21	.38	[.46, 1.95]	.089
Income <sup>c</sup>	-.32	.13	[-.57, -.08]	.010	-.13	.07	[-.26, -.002]	.047
PC Martial Status <sup>d</sup>	-.95	.47	[-1.87, -.04]	.040	-.32	.25	[-.81, .16]	.193
Wave 2 Outcome	.51	.05	[.42, .60]	.000	.52	.04	[.44, .60]	.000
Cohort X Wave 2 Outcome	.01	.01	[-.002, .02]	.115	.02	.01	[.01, .03]	.001
<i>F</i>	120.54 (8, 1854)			.000	182.70 (8, 1856)			.000
$\Delta R^2$	.342			.000	.441			.000
<b>Step 2</b>								
Sex <sup>a</sup>	-.26	.43	[-1.10, .59]	.549	.04	.23	[-.40, .49]	.853
Cohort	-.45	.32	[-1.08, .18]	.160	-.02	.06	[-.14, .09]	.689
Hispanic <sup>b</sup>	.53	.66	[-.78, 1.83]	.428	.17	.35	[-.53, .86]	.640
Black <sup>b</sup>	.13	.73	[-1.30, 1.56]	.858	.81	.39	[.05, 1.57]	.036
Income <sup>c</sup>	-.31	.13	[-.56, -.07]	.013	-.12	.07	[-.25, .01]	.063
PC Martial Status <sup>d</sup>	-.86	.47	[-1.78, .05]	.065	-.24	.25	[-.72, .25]	.339
Wave 2 Outcome	.51	.05	[.42, .60]	.000	.51	.04	[.43, .60]	.000
Cohort X Wave 2 Outcome	.01	.01	[-.002, .02]	.120	.02	.01	[.01, .03]	.002
Lifetime CVE Variety <sup>e</sup> Linear	.71	.30	[.14, 1.29]	.016	.72	.16	[.41, 1.03]	.000
<i>F</i>	108.08 (9, 1853)			.000	166.37 (9, 1855)			.000
$\Delta R^2$	.002			.016	.006			.000
<i>R</i> <sup>2</sup>	.344				.447			
<b>Step 3</b>								
Sex <sup>a</sup>	-.27	.43	[-1.11, .57]	.534	.04	.23	[-.41, .49]	.860
Cohort	-.57	.32	[-1.21, .06]	.075	-.06	.06	[-.18, .06]	.359
Hispanic <sup>b</sup>	.42	.66	[-.88, 1.72]	.526	.12	.35	[-.57, .81]	.727
Black <sup>b</sup>	-.15	.73	[-1.59, 1.28]	.834	.70	.39	[.07, 1.46]	.073
Income <sup>c</sup>	-.32	.13	[-.57, -.08]	.010	-.13	.07	[-.26, .003]	.055
PC Martial Status <sup>d</sup>	-.80	.47	[-1.71, .12]	.087	-.21	.25	[-.70, .27]	.395
Wave 2 Outcome	.50	.05	[.40, .59]	.000	.50	.04	[.42, .59]	.000
Cohort X Wave 2 Outcome	.01	.01	[-.001, .02]	.070	.02	.01	[.01, .03]	.001
Lifetime CVE Variety <sup>e</sup> Linear	1.38	.35	[.69, 2.07]	.000	.98	.19	[.62, 1.35]	.000
Lifetime CVE Variety <sup>e</sup> Quadratic	-.70	.20	[-1.10, -.30]	.001	-.29	.11	[-.50, -.07]	.008
<i>F</i>	99.03 (10, 1852)			.000	150.91 (10, 1854)			.000
$\Delta R^2$	.004			.001	.002			.008
<i>R</i> <sup>2</sup>	.348				.449			

Note: CI = confidence interval. PC = primary caregiver. Model uses data from Wave 3.

<sup>a</sup>0 = female; 1 = male.

<sup>b</sup>Race/ethnicity indicator variables coded with White as reference group.

<sup>c</sup>Total household income in past tax year; values are coded as follows: 1 = less than \$5,000; 2 = \$5,000 - \$9,999; 3 = \$10,000 - \$19,999; 4 = \$20,000 - \$29,999; 5 = \$30,000 - \$39,999; 6 = \$40,000 - \$49,999; 7 = more than \$50,000.

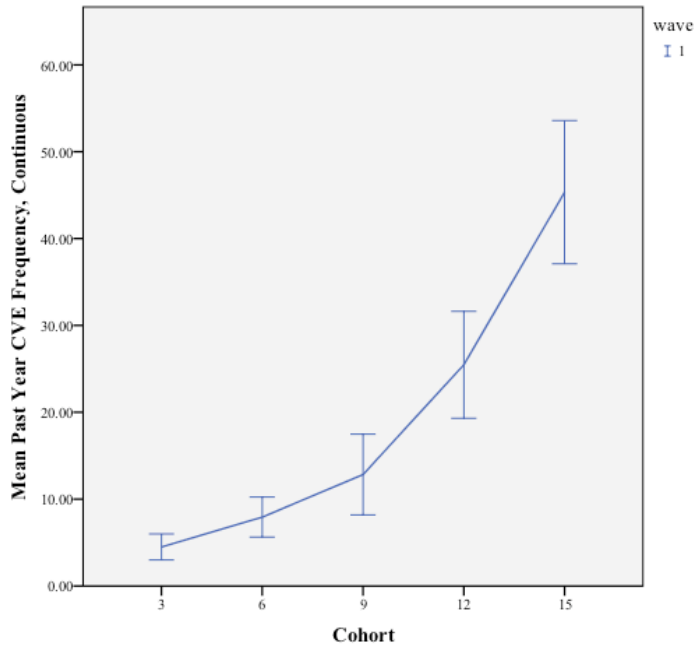
<sup>d</sup>0 = unmarried (single, divorced, separated, or widowed); 1 = married or living with partner.

<sup>e</sup>Lifetime CVE variety (number of different types of CVE ever experienced), standardized

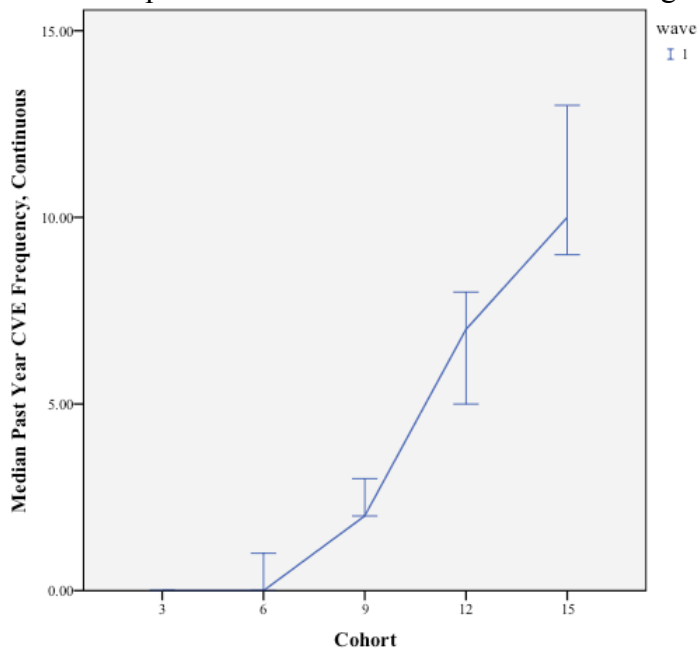
<sup>f</sup>CBCL Internalizing T-score.  
<sup>g</sup>CBCL Externalizing score.



## FIGURES



*Figure 1a.* Group means for Wave 1 past year CVE frequency (continuous scale) by cohort. Error bars represent 95% confidence intervals of the group means.



*Figure 1b.* Group medians for Wave 1 past year CVE frequency (continuous scale) by cohort. Error bars represent 95% confidence intervals of the group medians.

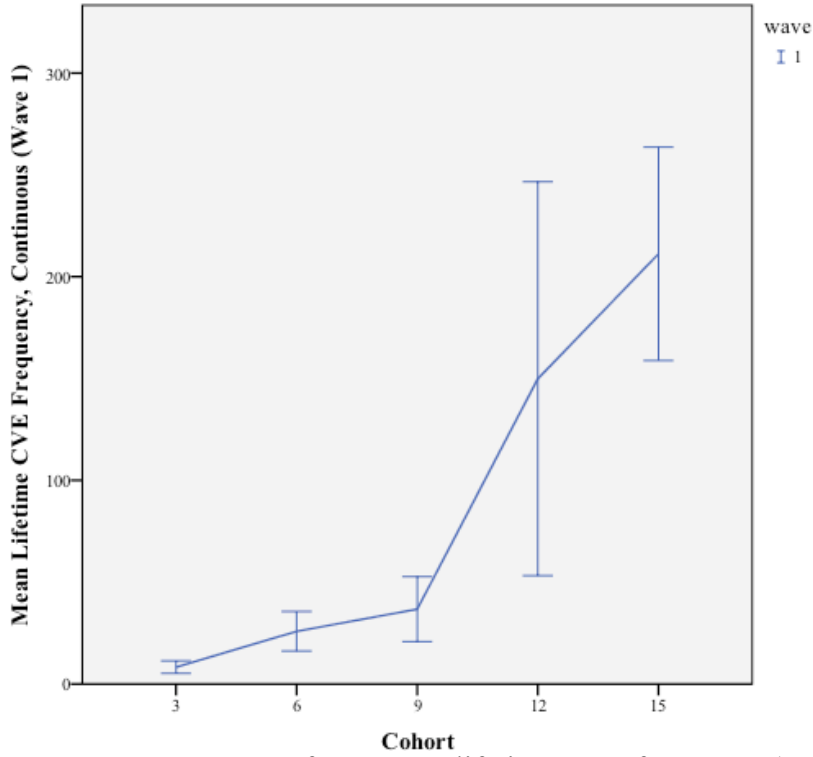


Figure 2a. Group means for Wave 1 lifetime CVE frequency (continuous scale) by cohort. Error bars represent 95% confidence intervals of the group means.

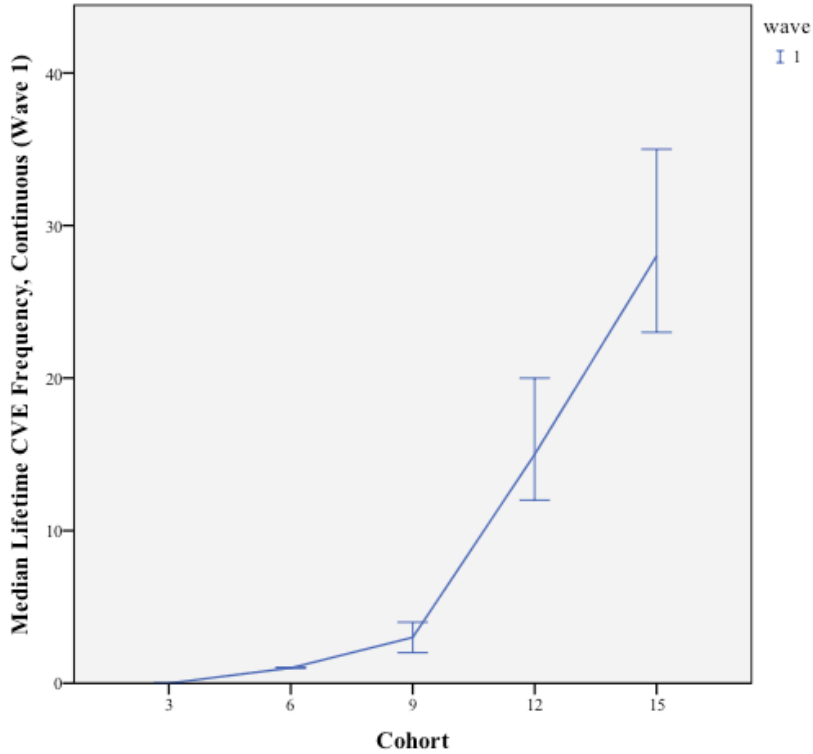


Figure 2a. Group medians for Wave 1 lifetime CVE frequency (continuous scale) by cohort. Error bars represent 95% confidence intervals of the group medians.

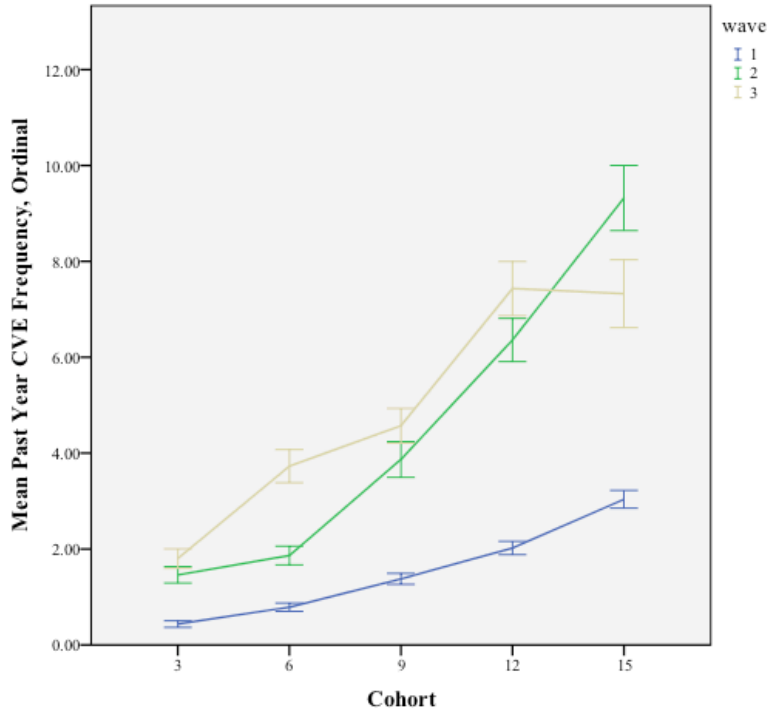


Figure 3a. Group means for past year CVE frequency (ordinal scale) by cohort and wave. (Wave 1 past year CVE frequency scale was recoded into ordinal scale used in Waves 2 and 3 for comparison in figure.) Error bars represent 95% confidence intervals of the group means.

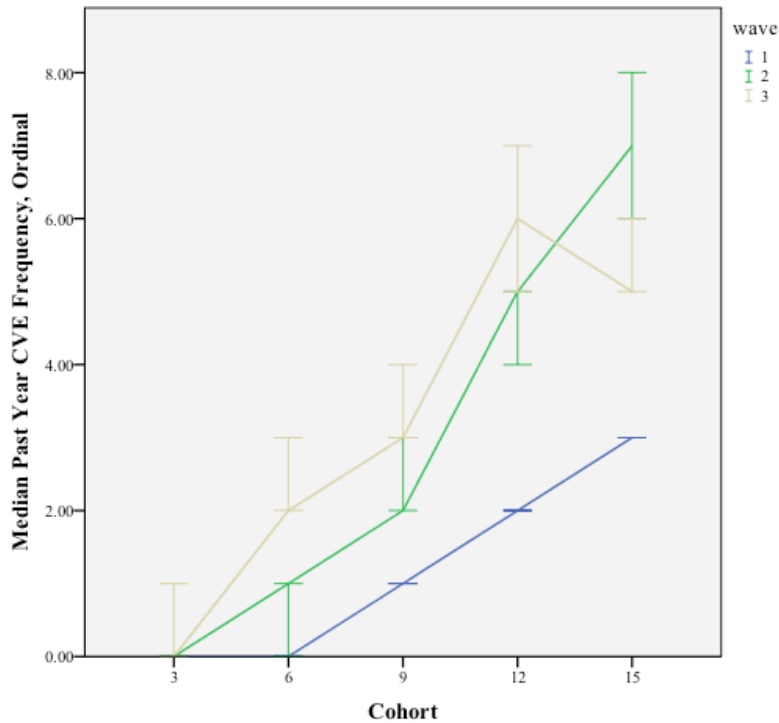


Figure 3b. Group medians for past year CVE frequency (ordinal scale) by cohort and wave. (Wave 1 past year CVE frequency scale was recoded into ordinal scale used in Waves 2 and 3 for comparison in figure.) Error bars represent 95% confidence intervals of the group medians.

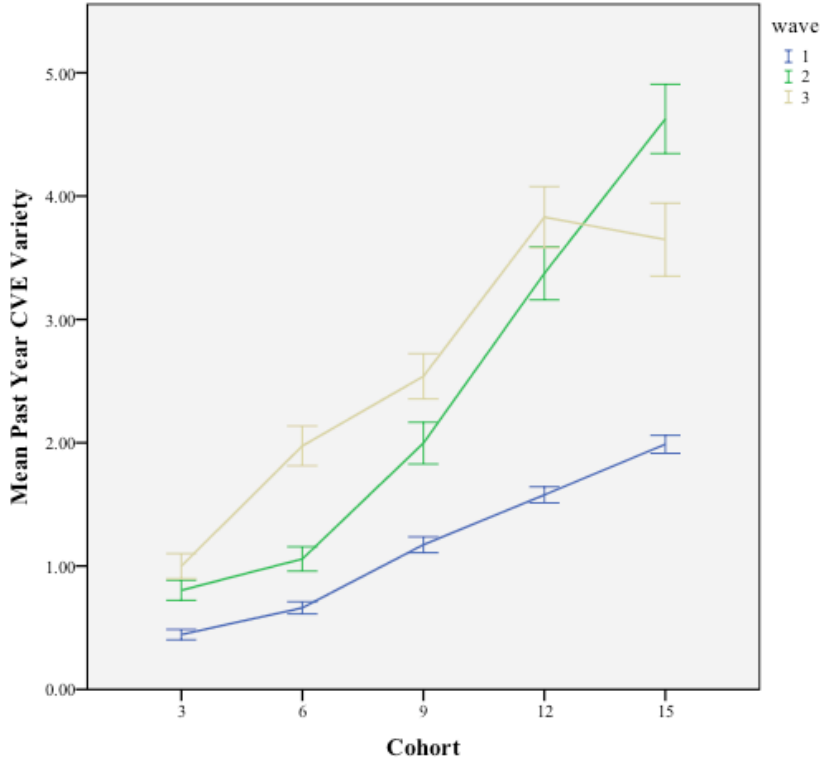


Figure 4a. Group means for past year CVE variety scale by cohort and wave. Error bars represent 95% confidence intervals of the group means.

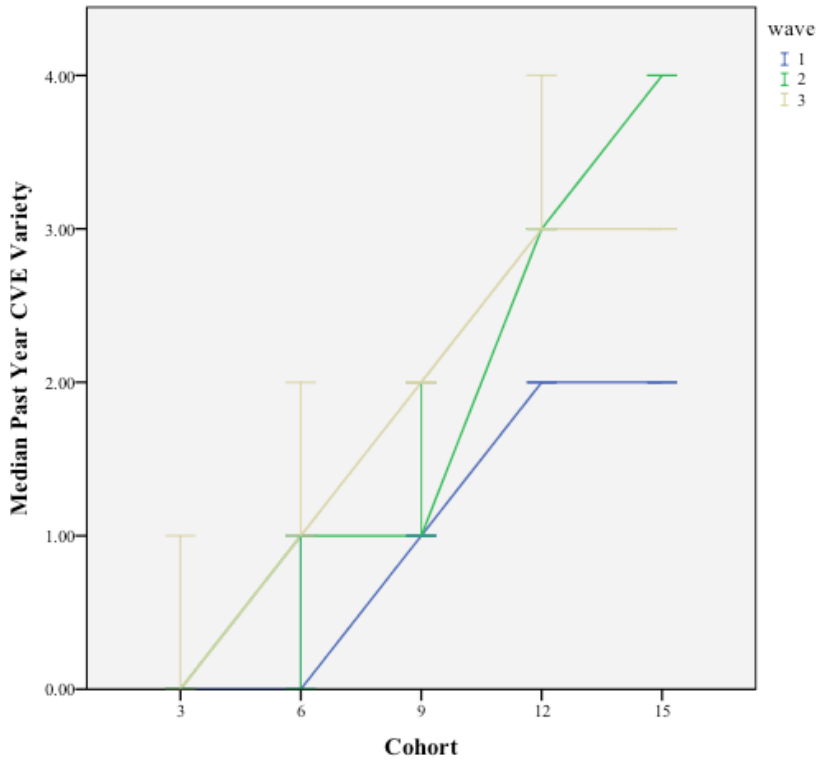


Figure 4b. Group medians for past year CVE variety scale by cohort and wave. Error bars represent 95% confidence intervals of the group medians.

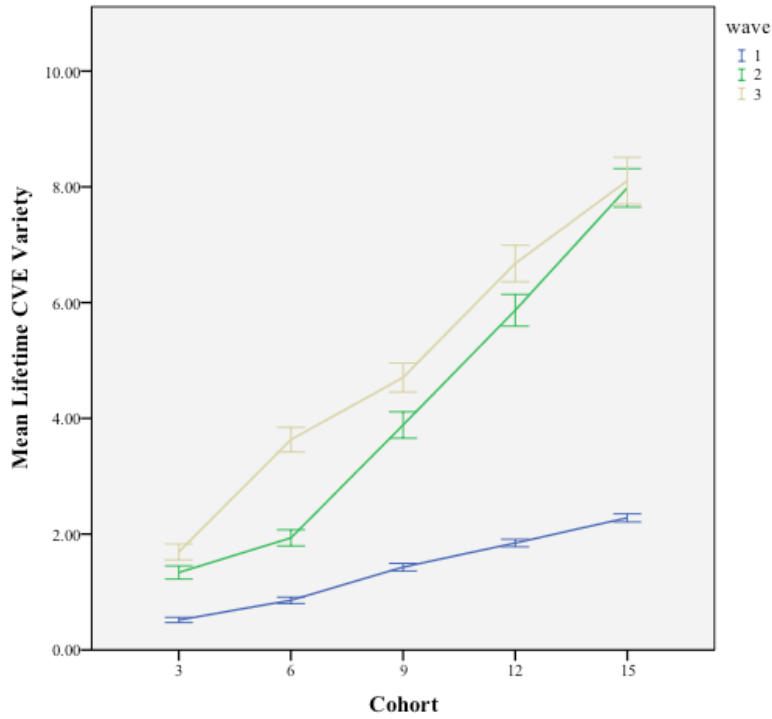


Figure 5a. Group means for lifetime CVE variety scale by cohort and wave. Error bars represent 95% confidence intervals of the group means.

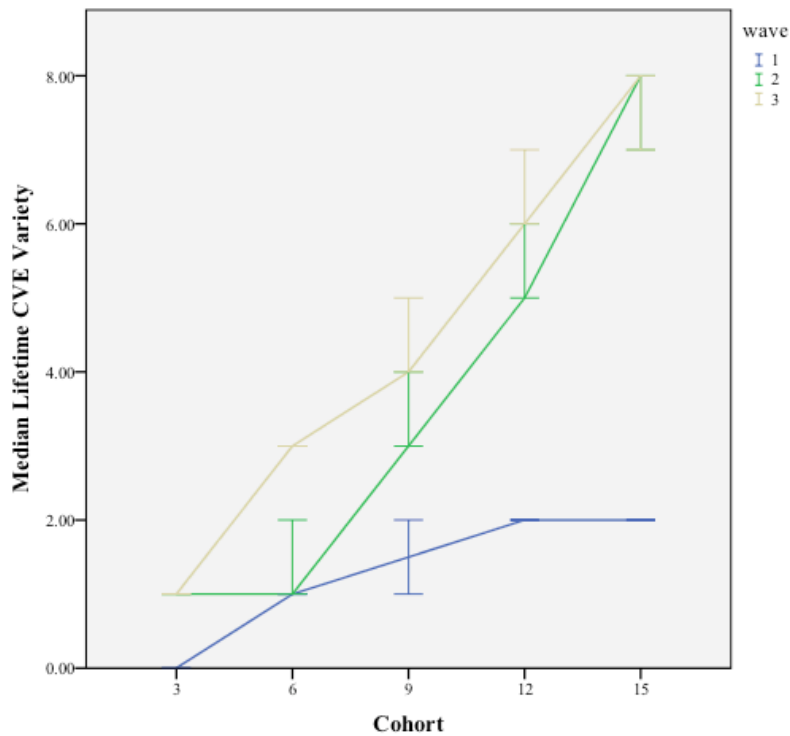
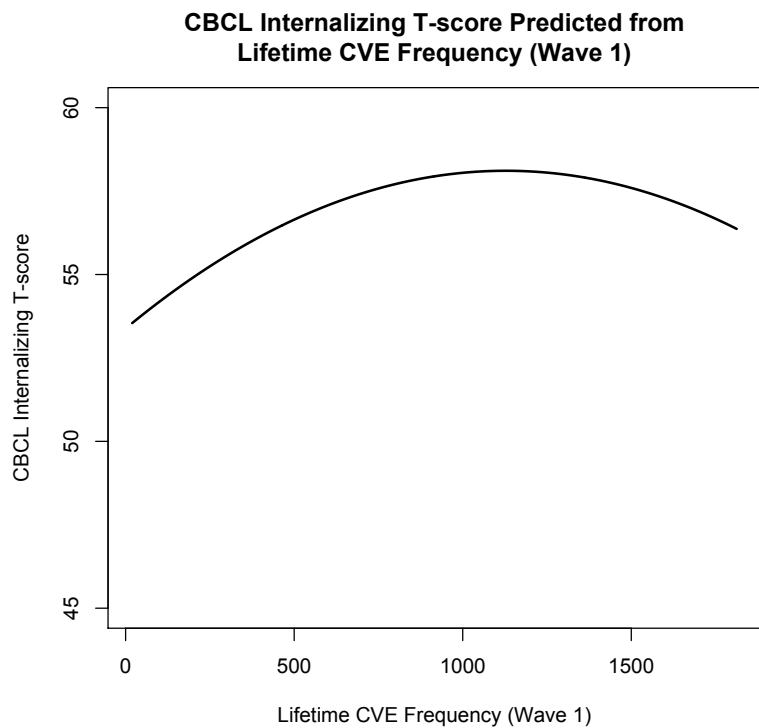
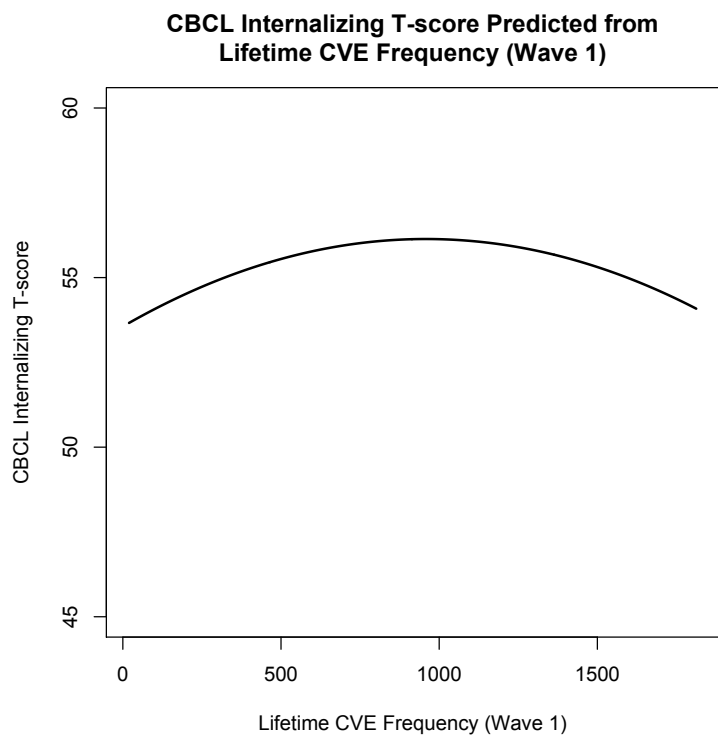


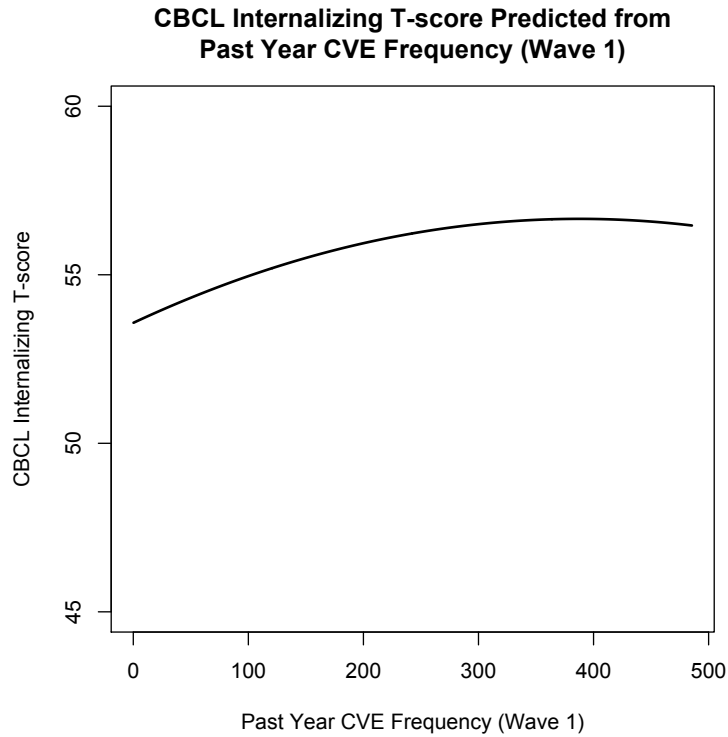
Figure 5b. Group medians for lifetime CVE variety scale by cohort and wave. Error bars represent 95% confidence intervals of the group medians.



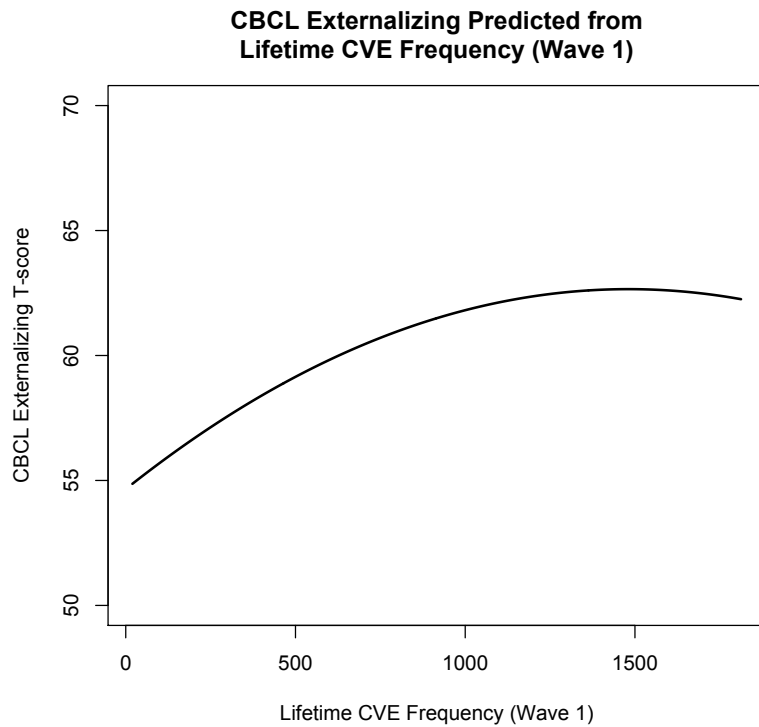
*Figure 6.* Lifetime CVE frequency (continuous scale) predicting CBCL Internalizing T-score at Wave 1, including covariates, excluding past year CVE frequency. 1 outlier is removed.



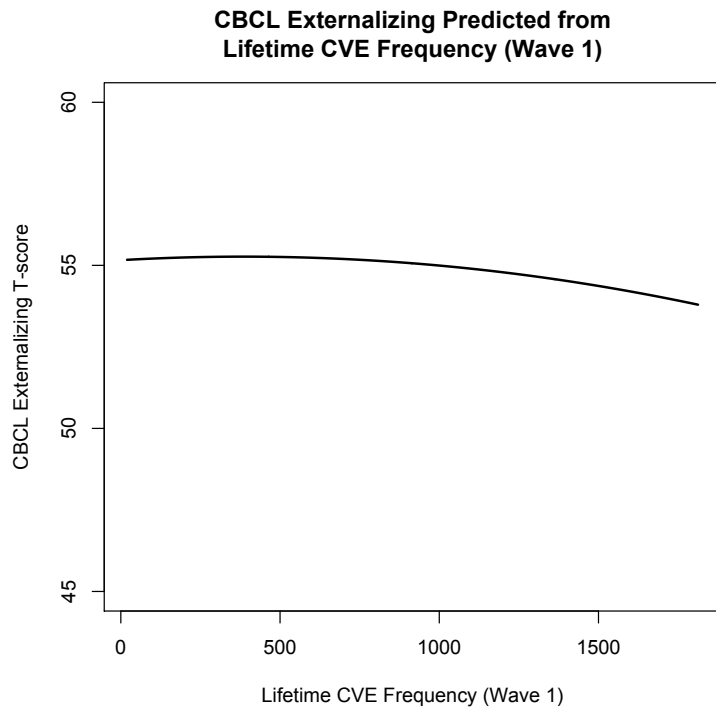
*Figure 7.* Lifetime CVE frequency (continuous scale) predicting CBCL Internalizing T-score at Wave 1, including covariates, controlling for past year CVE frequency. 1 outlier is removed.



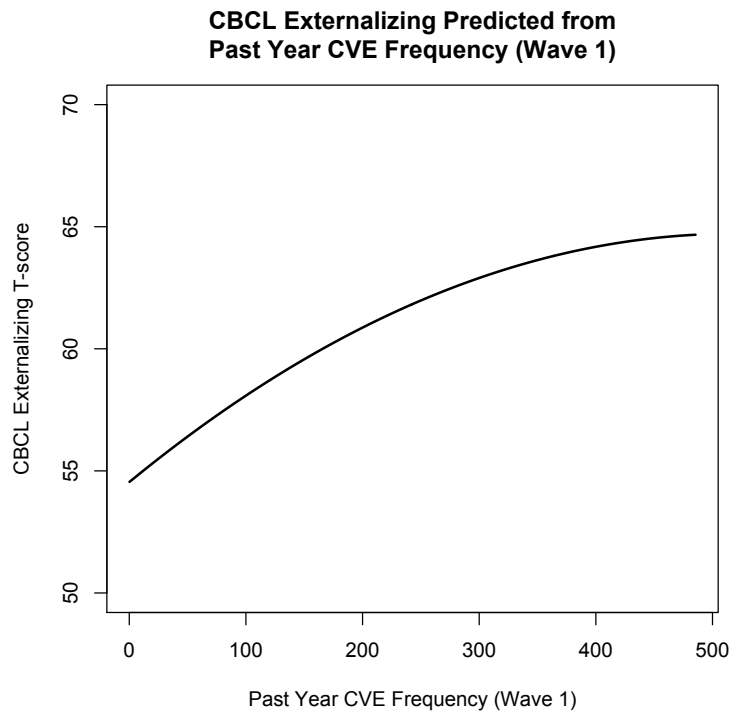
*Figure 8.* Past year CVE frequency (continuous scale) predicting CBCL Internalizing T-score at Wave 1, including covariates, controlling for lifetime CVE frequency. 1 outlier is removed.



*Figure 9.* Lifetime CVE frequency (continuous scale) predicting CBCL Externalizing T-score at Wave 1, including covariates, excluding past year CVE frequency. 1 outlier is removed.



*Figure 10.* Lifetime CVE frequency (continuous scale) predicting CBCL Externalizing T-score at Wave 1, including covariates, controlling for past year CVE frequency. 1 outlier is removed.



*Figure 11.* Past year CVE frequency (continuous scale) predicting CBCL Externalizing T-score at Wave 1, including covariates, controlling for lifetime CVE frequency. 1 outlier is removed.



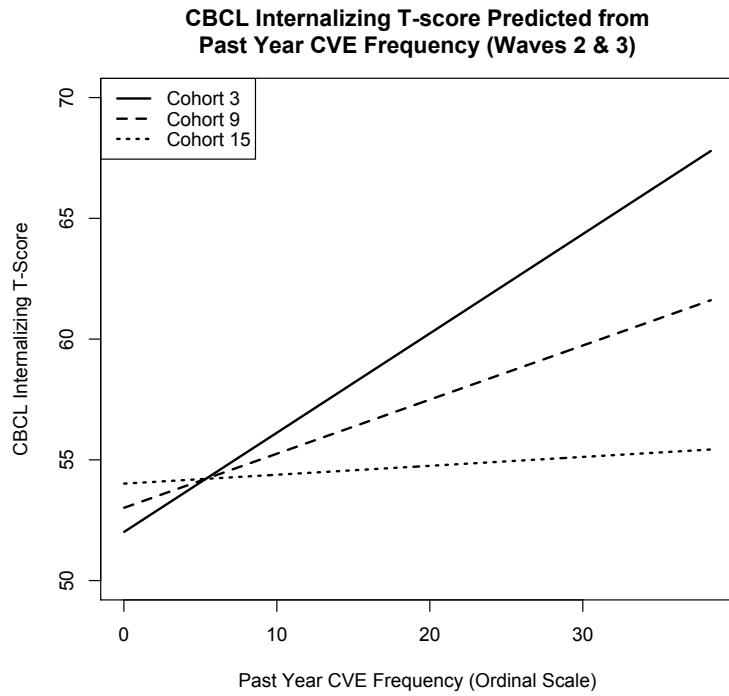


Figure 12. Past year CVE frequency (ordinal scale) predicting CBCL Internalizing T-score at Waves 2 and 3, including linear term only and covariates.

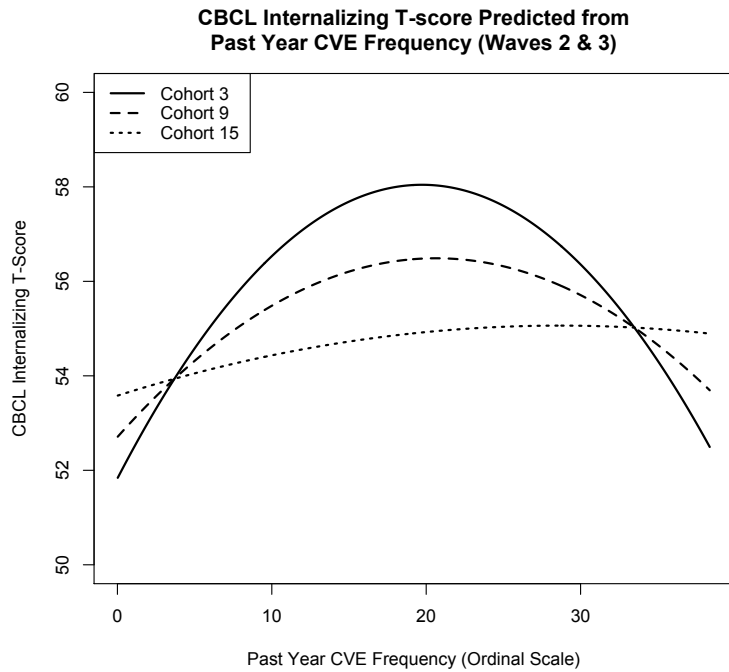


Figure 13. Past year CVE frequency (ordinal scale) predicting CBCL Internalizing T-score at Waves 2 and 3, including linear and quadratic terms and covariates.

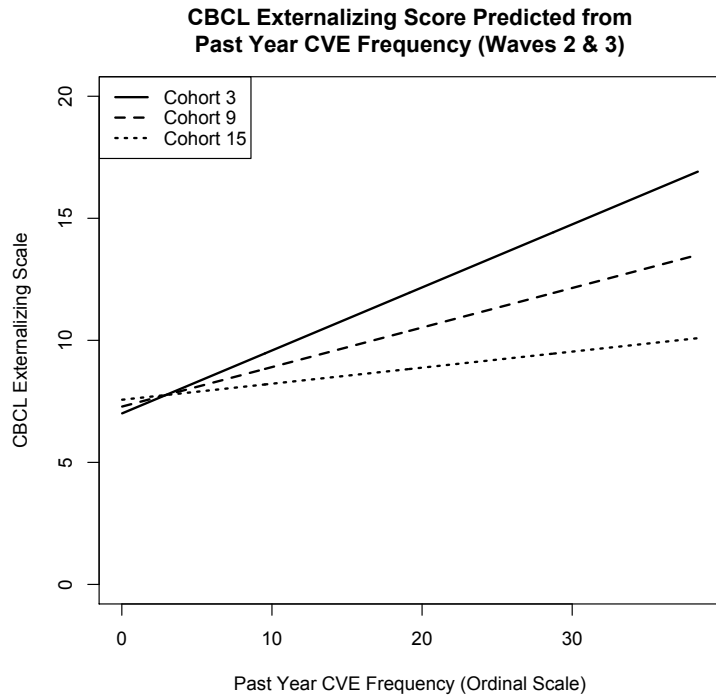


Figure 14. Past year CVE frequency (ordinal scale) predicting CBCL Externalizing score at Waves 2 and 3, including linear term only and covariates.

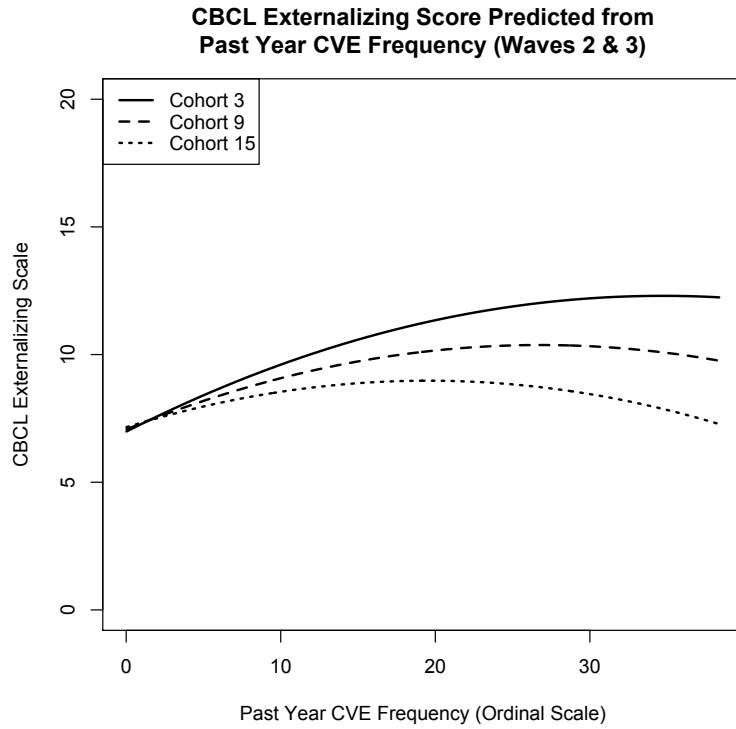
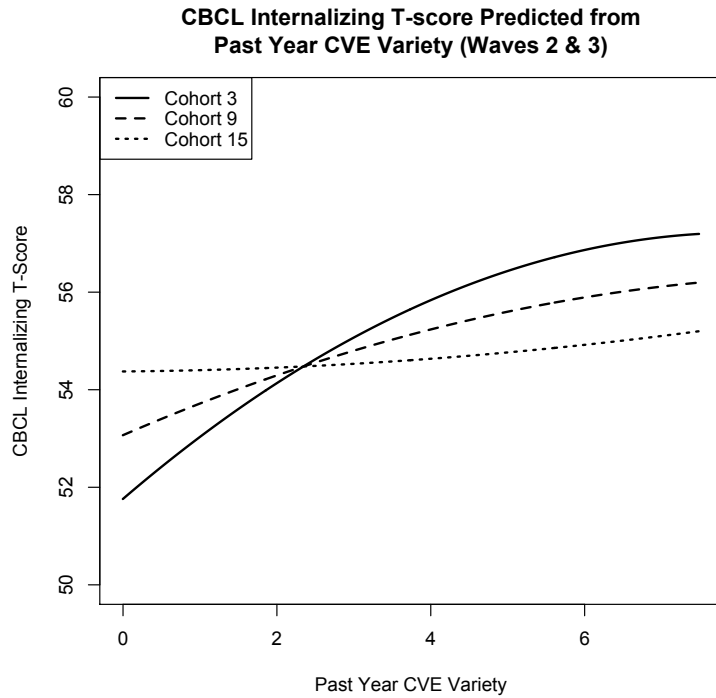
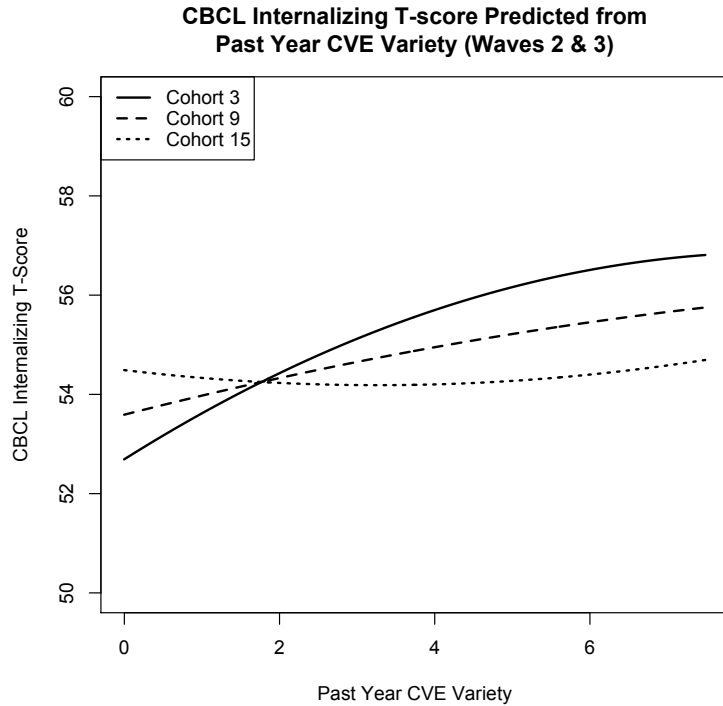


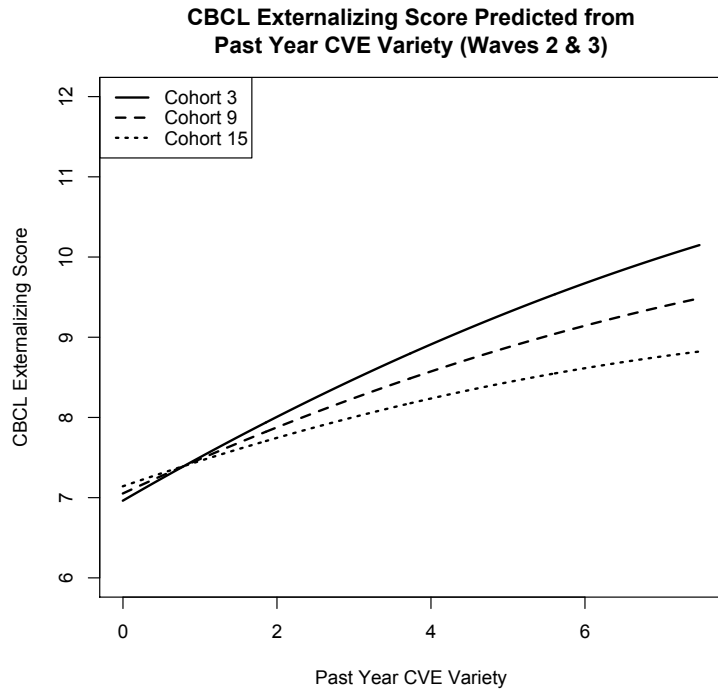
Figure 15. Past year CVE frequency (ordinal scale) predicting CBCL Externalizing score at Waves 2 and 3, including linear and quadratic terms and covariates.



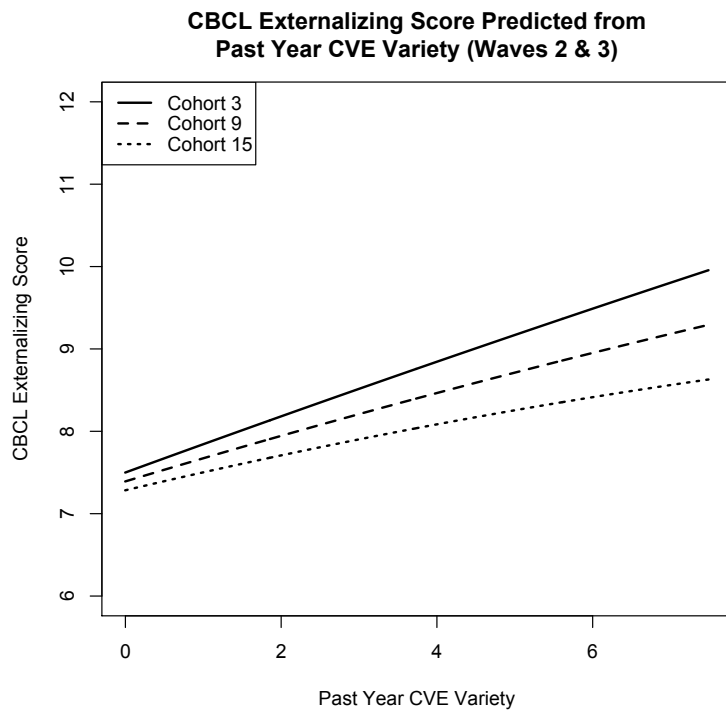
*Figure 16.* Past year CVE variety predicting CBCL Internalizing T-score at Waves 2 and 3, including linear and quadratic terms and covariates.



*Figure 17.* Past year CVE variety predicting CBCL Internalizing T-score at Waves 2 and 3, including linear and quadratic terms and covariates, controlling for lifetime CVE variety.



*Figure 18.* Past year CVE variety predicting CBCL Externalizing score at Waves 2 and 3, including linear and quadratic terms and covariates.



*Figure 19.* Past year CVE variety predicting CBCL Externalizing score at Waves 2 and 3, including linear and quadratic terms and covariates, controlling for lifetime CVE variety.

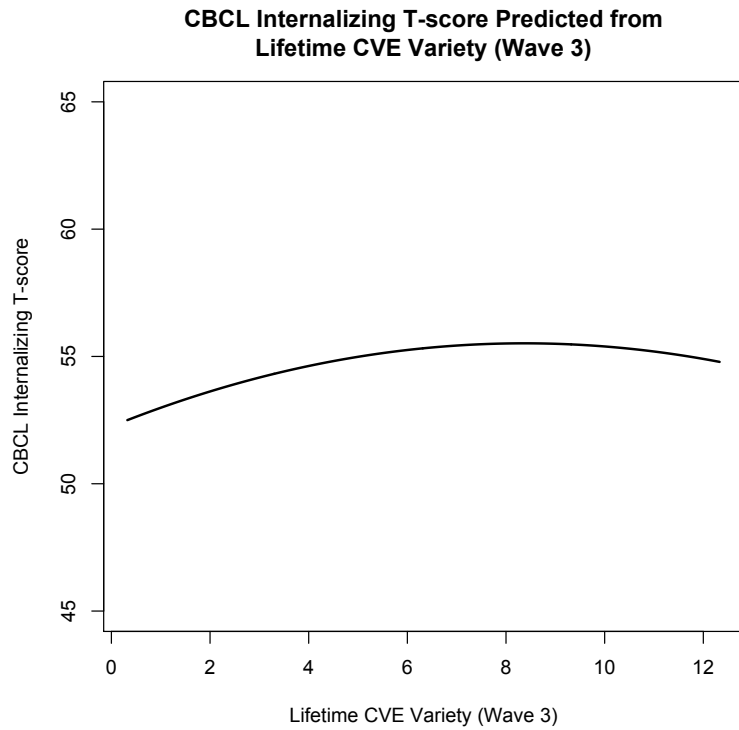


Figure 20. Lifetime CVE variety predicting CBCL Internalizing T-score at Wave 3, including linear and quadratic terms and covariates.

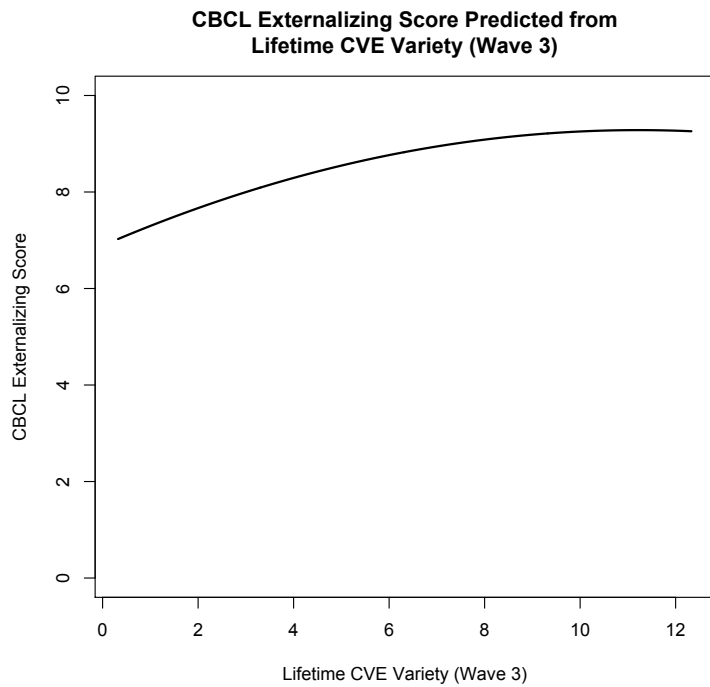


Figure 21. Lifetime CVE variety predicting CBCL Externalizing score at Wave 3, including linear and quadratic terms and covariates.

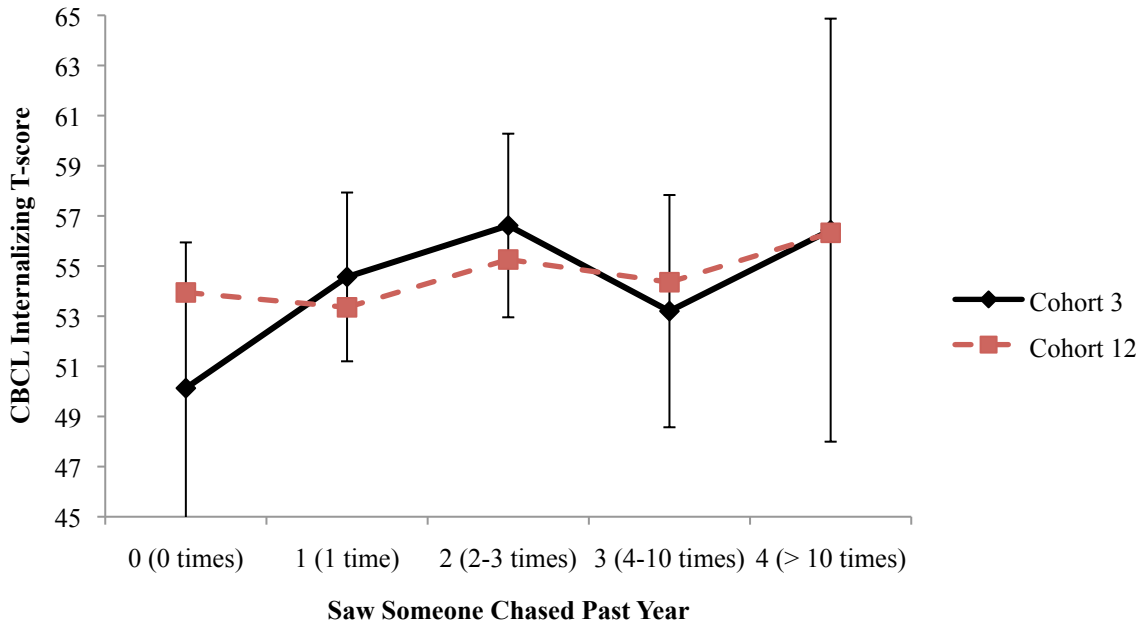


Figure 22. CBCL Internalizing T-score predicted from number of times participants saw someone chased in the past year, coded on an ordinal scale, including covariates and significant cohort interactions. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.

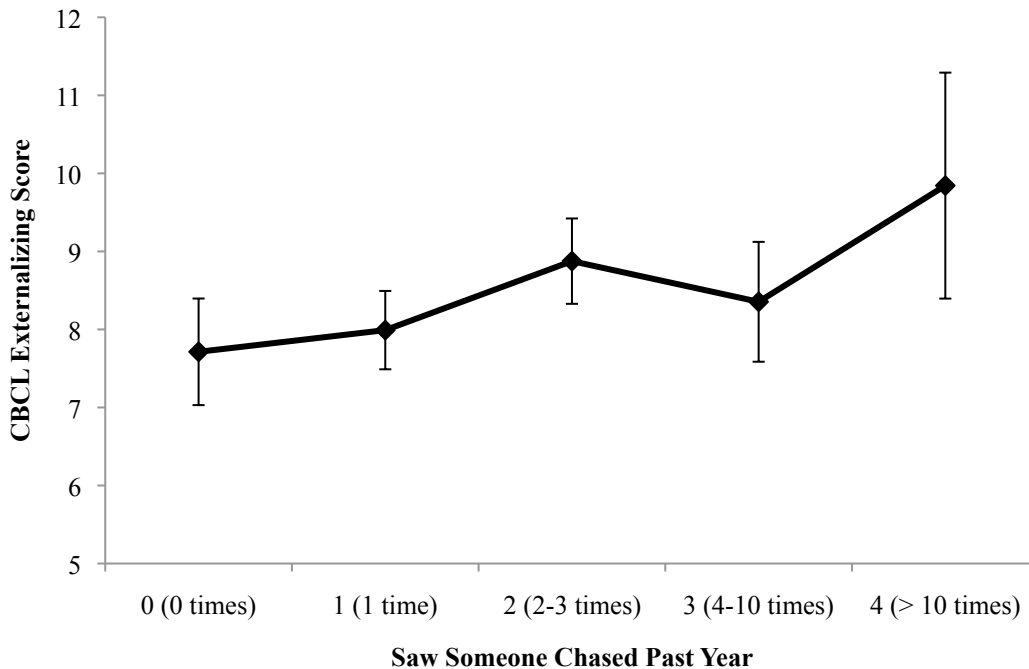


Figure 23. CBCL Externalizing score predicted from number of times participants saw someone chased in the past year, coded on an ordinal scale, including covariates. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.

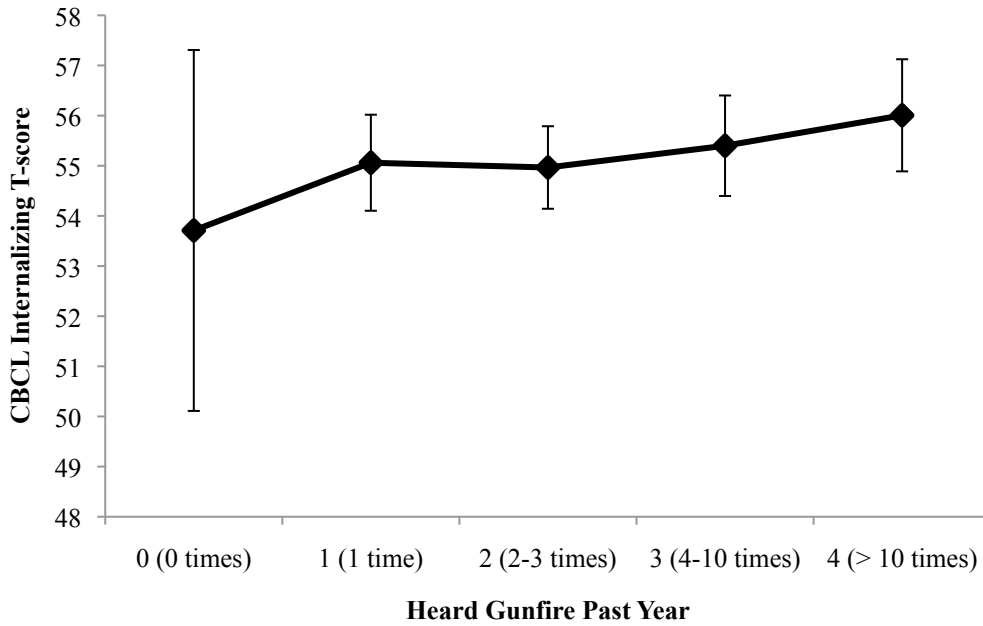


Figure 24. CBCL Internalizing T-score predicted from number of times participants heard gunfire nearby in the past year, coded on an ordinal scale, including covariates. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.

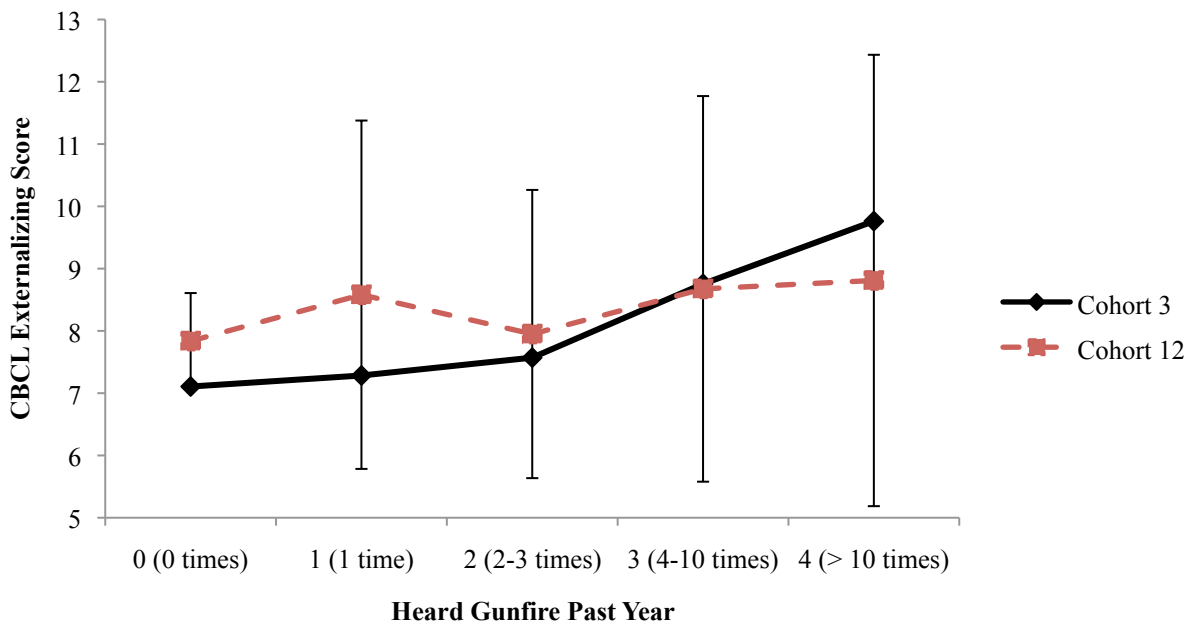


Figure 25. CBCL Externalizing score predicted from number of times participants heard gunfire nearby in the past year, coded on an ordinal scale, including covariates and significant cohort interactions. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.

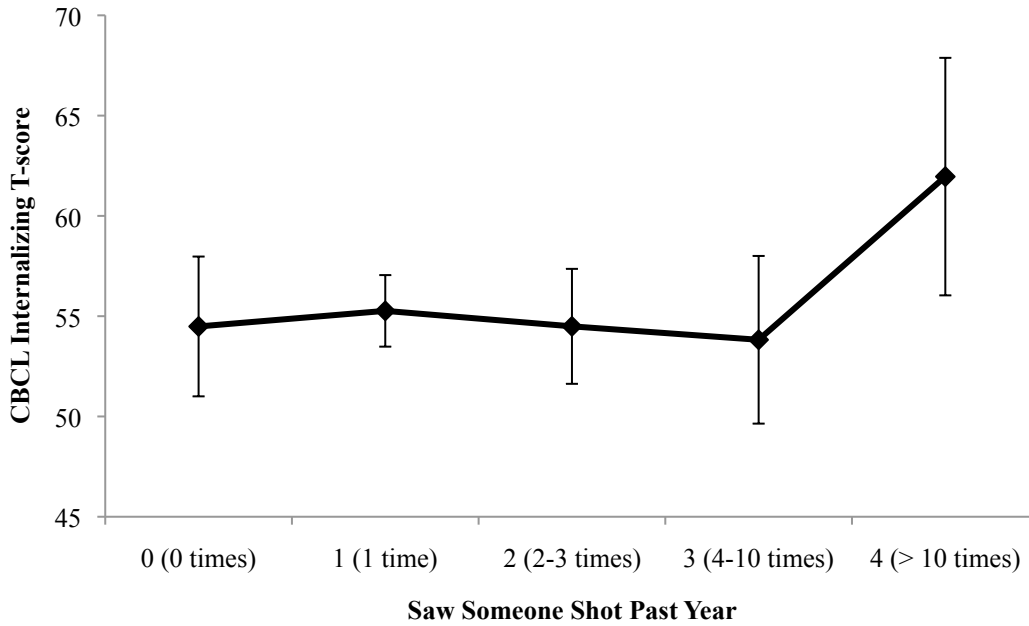


Figure 26. CBCL Internalizing T-score predicted from number of times participants saw someone shot in the past year, coded on an ordinal scale, including covariates. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.

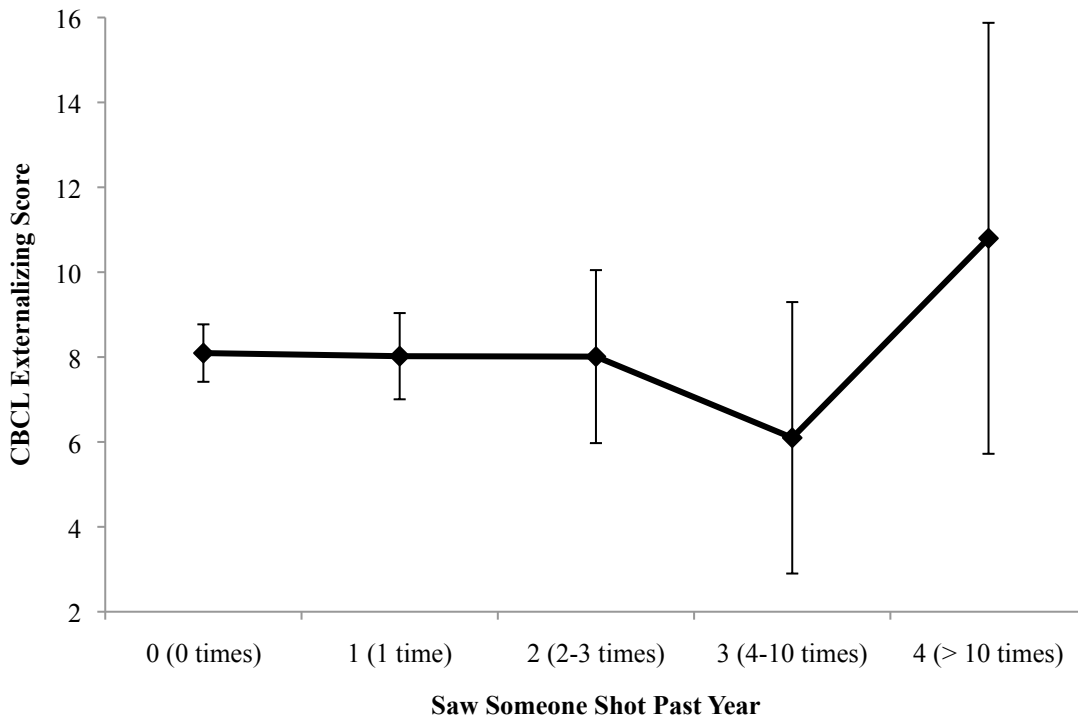
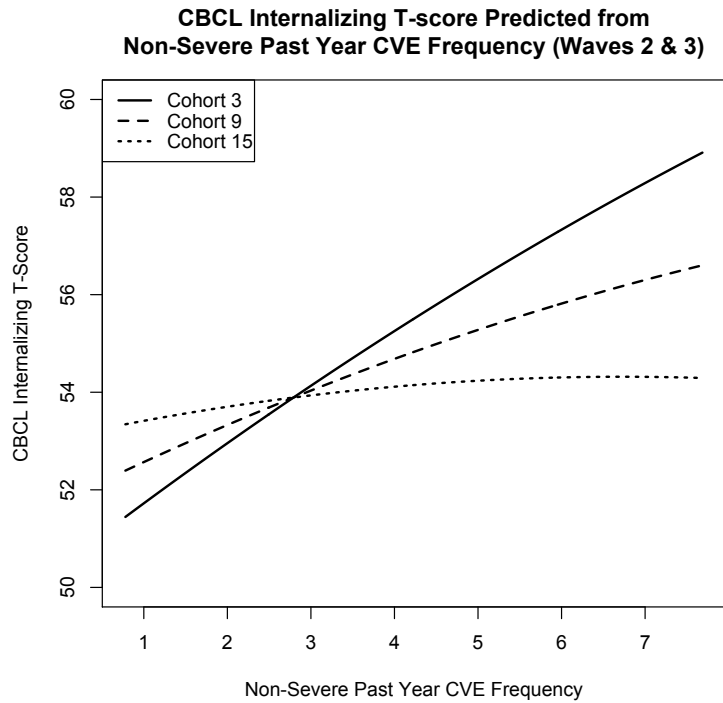
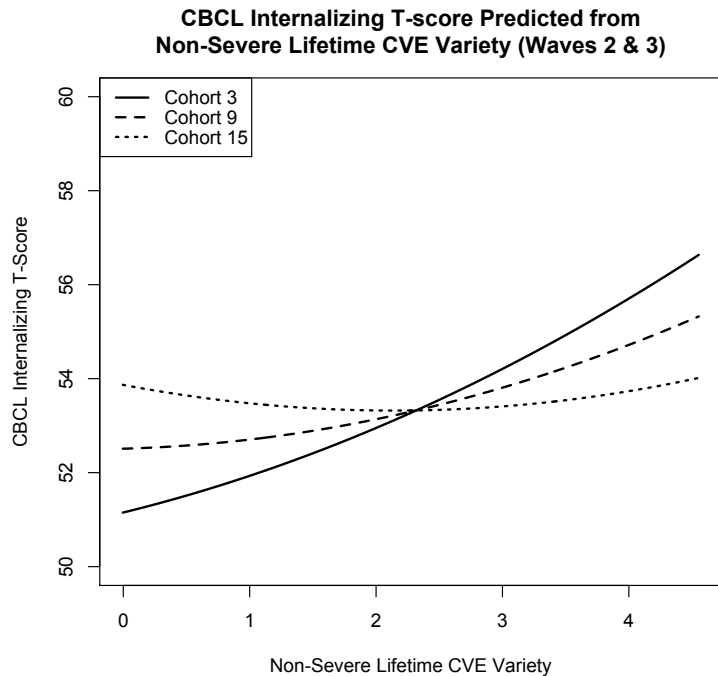


Figure 27. CBCL Externalizing score predicted from number of times participants saw someone shot in the past year, coded on an ordinal scale, including covariates. Error bars represent 95% confidence intervals. Model uses data from Waves 2 and 3.





*Figure 28.* CBCL Internalizing T-score predicted from severe and non-severe past year CVE frequency, including covariates and interaction between non-severe past year CVE frequency and cohort. Model uses data from Waves 2 and 3.



*Figure 29.* CBCL Internalizing T-score predicted from severe and non-severe lifetime CVE variety, including covariates and interaction between non-severe lifetime CVE variety and cohort. Model uses data from Waves 2 and 3.

**APPENDIX**

**PHDCN Community Violence Exposure Measures**

**Wave 1 Exposure to Violence Measure (Subject Version):**

*Exposure to Violence* (ETV)

Date: \_\_\_\_ \_\_\_\_ \_\_\_\_  
mm dd yy

**Time Started:** \_\_\_\_\_

Subject ID: \_\_\_\_\_

Interviewer ID: \_\_\_\_\_

I'm going to ask you some questions about violence and how it may have affected you or your family and friends.

1. Are you afraid you might be hurt by violence in your neighborhood?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

2. Are you afraid you might be hurt in front of your apartment building or house?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

3. Are you afraid you might be hurt in your apartment building or house?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

4. Are you afraid you might be hurt by violence at school or work?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

(IF 1, 2, 3, OR 4 = YES, ASK Q. 4A.)

(IF 1, 2, 3, AND 4 – NO, GO TO Q. 5.)

4A. Does this affect where you go?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

5. Have any of your family members been hurt by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

6. Have any of your family members been killed by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

7. Have any of your close friends been hurt by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

8. Have any of your close friends been killed by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

9. At what age do you think a child is affected by observing violence? (circle one)

infancy 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

---

The questions I'll be asking you now have to do with acts of violence that you may have witnessed or experienced.

10. Have you ever seen or been present when somebody was shoved, kicked, or punched?

1. YES (Go to Q. 11)  
2. NO (Go to Q. 17)

11. When was the last time you saw that?

1. Within last week  
2. Within last month  
3. Within last year  
4. More than one year ago

12. Where did that happen?

1. In your home  
2. In your hallway or building  
3. In front of your house/building  
4. In your neighborhood  
5. In park outside neighborhood  
6. At your school/day care  
7. In or outside bar  
25. Other (Specify) \_\_\_\_\_

13. Did you know the person or people who this happened to?

1. YES (Go to Q. 13A)
2. NO (Go to Q. 14)

13A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

14. How badly was the person or people injured? (MARK ALL THAT APPLY)

1. No injury
2. Knocked down
3. Bruised
4. Cut/bleeding
5. Unconscious
6. Broken bones/fracture
7. Medical care obtained
8. Other

15. Did you know the person or people who did this?

1. YES (Go to Q. 15A)
2. NO (Go to Q. 16)

15A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

16. Have you seen this more than once?

1. YES (Go to Q. 16A)
2. NO (Go to Q. 17)

16A. How many times have you seen this in the past year? \_\_\_\_\_

16B. How many times have you ever seen this? \_\_\_\_\_

17. Have you ever seen or been present when someone was attacked with a knife?

1. YES (Go to Q. 18)
2. NO (Go to Q. 25)

18. When was the last time you saw that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

19. Where did that happen?

1. In your home
2. In your hallway or building
3. In front of your house/building
4. In your neighborhood
5. In park outside neighborhood
6. At your school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

20. Did you know the person or people who this happened to?

1. YES (Go to Q. 20A)
2. NO (Go to Q. 21)

13A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

21. How badly was the person or people injured? (MARK ALL THAT APPLY)

1. No injury

2. Knocked down
3. Bruised
4. Cut/bleeding
5. Unconscious
6. Broken bones/fracture
7. Medical care obtained
8. Other

22. Did they die?

1. YES
2. NO
8. Don't Know

23. Did you know the person or people who did this?

1. YES (Go to Q. 23A)
2. NO (Go to Q. 24)

23A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

24. Have you seen this more than once?

1. YES (Go to Q. 24A)
2. NO (Go to Q. 25)

24A. How many times have you seen this in the past year? \_\_\_\_\_

24B. How many times have you ever seen this? \_\_\_\_\_

---

25. Have you ever heard a gun shot?

1. YES (Go to Q. 26)
2. NO (Go to Q. 29)

26. When was the last time you heard that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

27. Where did that happen?

1. In your home
2. In your hallway or building
3. In front of your house/building
4. In your neighborhood
5. In park outside neighborhood
6. At your school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

28. Have you heard a gun shot more than once?

1. YES (Go to Q. 28A)
2. NO (Go to Q. 29)

28A. How many times have you seen this in the past year? \_\_\_\_\_

28B. How many times have you ever seen this? \_\_\_\_\_

---

29. Have you ever seen or been present when someone was shot?

1. YES (Go to Q. 30)
2. NO (End interview, record time)

30. When was the last time you saw that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

31. Where did that happen?

1. In your home
2. In your hallway or building
3. In front of your house/building
4. In your neighborhood

5. In park outside neighborhood
6. AT your school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

32. Did you know the person or people who this happened to?

1. YES (Go to Q. 32A)
2. NO (Go to Q. 33)

32A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

33. Did they die?

1. YES
2. NO
8. Don't Know

34. Did you know the person or people who did this?

1. YES (Go to Q. 34A)
2. NO (Go to Q. 35)

34A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

35. Have you seen this more than once?

1. YES (Go to Q. 35A)
2. NO (End interview and record time)

35A. How many times have you seen this in the past year? \_\_\_\_\_



35B. How many times have you ever seen this? \_\_\_\_\_

**END OF INTERVIEW**  
**RECORD TIME: \_\_\_\_\_**

**Wave 1 Exposure to Violence Measure (Primary Caregiver Version):**

*Exposure to Violence (ETV)*

Date: \_\_\_\_ \_\_\_\_ \_\_\_\_  
mm dd yy

**Time Started:** \_\_\_\_\_

Subject ID: \_\_\_\_\_

Interviewer ID: \_\_\_\_\_

I'm going to ask you some questions about violence and how it may have affected [subject] or your family and friends.

1. Are you afraid [subject] might be hurt by violence in your neighborhood?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

2. Are you afraid [subject] might be hurt in front of your apartment building or house?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

3. Are you afraid [subject] might be hurt in your apartment building or house?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

4. Are you afraid [subject] might be hurt by violence at school or day care?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

(IF 1, 2, 3, OR 4 = YES, ASK Q. 4A.)

(IF 1, 2, 3, AND 4 – NO, GO TO Q. 5.)

4A. Does this affect where you take [subject]?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

5. Have any of your family members been hurt by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

6. Have any of your family members been killed by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

7. Have any of your close friends been hurt by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

8. Have any of your close friends been killed by a violent act?

1. \_\_\_\_\_ YES                      2. \_\_\_\_\_ NO

9. At what age do you think a child is affected by observing violence? (circle one)

infancy 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

---

The questions I'll be asking you now have to do with acts of violence that [subject] may have witnessed or experienced. Please think carefully about whether she/he was actually present during violent acts.

10. Has [subject] ever seen or been present when somebody was shoved, kicked, or punched?

1. YES (Go to Q. 11)  
2. NO (Go to Q. 17)

11. When was the last time he/she saw that?

1. Within last week  
2. Within last month  
3. Within last year  
4. More than one year ago

12. Where did that happen?

1. In [subject]'s home  
2. In [subject]'s hallway or building  
3. In front of [subject]'s house/building  
4. In [subject]'s neighborhood  
5. In park outside neighborhood  
6. At [subject]'s school/day care  
7. In or outside bar  
25. Other (Specify) \_\_\_\_\_

13. Did he/she know the person or people who this happened to?

1. YES (Go to Q. 13A)
2. NO (Go to Q. 14)

13A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

14. How badly was the person or people injured? (MARK ALL THAT APPLY)

1. No injury
2. Knocked down
3. Bruised
4. Cut/bleeding
5. Unconscious
6. Broken bones/fracture
7. Medical care obtained
8. Other

15. Did [subject] know the person or people who did this?

1. YES (Go to Q. 15A)
2. NO (Go to Q. 16)

15A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

16. Has [subject] seen this more than once?

1. YES (Go to Q. 16A)
2. NO (Go to Q. 17)

16A. How many times has [subject] seen this in the past year? \_\_\_\_\_

16B. How many times has [subject] ever seen this? \_\_\_\_\_

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17. Has [subject] ever seen or been present when someone was attacked with a knife?

1. YES (Go to Q. 18)
2. NO (Go to Q. 25)

18. When was the last time he/she saw that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

19. Where did that happen?

1. In [subject]'s home
2. In [subject]'s hallway or building
3. In front of [subject]'s house/building
4. In [subject]'s neighborhood
5. In park outside neighborhood
6. At [subject]'s school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

20. Did he/she know the person or people who this happened to?

1. YES (Go to Q. 20A)
2. NO (Go to Q. 21)

13A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

21. How badly was the person or people injured? (MARK ALL THAT APPLY)

1. No injury
2. Knocked down
3. Bruised
4. Cut/bleeding
5. Unconscious
6. Broken bones/fracture
7. Medical care obtained
8. Other

22. Did they die?

1. YES      2. NO      8. Don't Know

23. Did [subject] know the person or people who did this?

1. YES (Go to Q. 23A)
2. NO (Go to Q. 24)

23A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

24. Has [subject] seen this more than once?

1. YES (Go to Q. 24A)
2. NO (Go to Q. 25)

24A. How many times has [subject] seen this in the past year? \_\_\_\_\_

24B. How many times has [subject] ever seen this? \_\_\_\_\_

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25. Has [subject] ever heard a gun shot?

1. YES (Go to Q. 26)
2. NO (Go to Q. 29)

26. When was the last time he/she heard that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

27. Where did that happen?

1. In [subject]'s home
2. In [subject]'s hallway or building
3. In front of [subject]'s house/building
4. In [subject]'s neighborhood
5. In park outside neighborhood
6. At [subject]'s school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

28. Has [subject] heard a gun shot more than once?

1. YES (Go to Q. 28A)
2. NO (Go to Q. 29)

28A. How many times has [subject] seen this in the past year? \_\_\_\_\_

28B. How many times has [subject] ever seen this? \_\_\_\_\_

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29. Has [subject] ever seen or been present when someone was shot?

1. YES (Go to Q. 30)
2. NO (End interview, record time)

<p><b>END OF INTERVIEW</b> <b>RECORD TIME: _____</b></p>
--

30. When was the last time he/she saw that?

1. Within last week
2. Within last month
3. Within last year
4. More than one year ago

31. Where did that happen?

1. In [subject]'s home
2. In [subject]'s hallway or building
3. In front of [subject]'s house/building
4. In [subject]'s neighborhood
5. In park outside neighborhood
6. At [subject]'s school/day care
7. In or outside bar
25. Other (Specify) \_\_\_\_\_

32. Did he/she know the person or people who got shot?

1. YES (Go to Q. 32A)
2. NO (Go to Q. 33)

32A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

33. Did they die?

1. YES      2. NO      8. Don't Know

34. Did he/she know the person or people who did this?

1. YES (Go to Q. 34A)
2. NO (Go to Q. 35)

34A. Who was it? (MARK ALL THAT APPLY)

1. Parent
2. [Subject]
3. Friend
4. Neighbor
5. Sibling
6. Other Relative (Specify) \_\_\_\_\_
25. Other (Specify) \_\_\_\_\_

35. Has [subject] seen this more than once?

1. YES (Go to Q. 35A)
2. NO (End interview and record time)

35A. How many times has [subject] seen this in the past year? \_\_\_\_\_

35B. How many times has [subject] ever seen this? \_\_\_\_\_

**END OF INTERVIEW**  
**RECORD TIME: \_\_\_\_\_**



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