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

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Step 5

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$F$  

|         | 18.10 (10, 3457) | .000 | 19.77 (10, 3457) | .000 |

$\Delta R^2$  

|         | .001    | .024  | .004  |        |        |

$R^2$  

|         | .050    | .054  |        |        |
Table 17

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

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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> | | |
|---------------------|---------------------------|----------------|----------------|---------------------------|----------------|----------------|
|                     | β  | SE  | 95% CI         | p       | β  | SE  | 95% CI         | p       |
| Control Variables   |    |     |                |         |    |     |                |         |
| Sex<sup>a</sup>     | .34 | .27 | [-.19, .87]    | .212    | .13 | .14 | [-.14, .41]    | .343    |
| Cohort              | -.80 | .20 | [-1.20, -.40]  | .000    | -0.04 | .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    |
| Lifetime CVE Variety<sup>f</sup> |    |     |                |         |    |     |                |         |
| 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    |
| Past Year CVE<sup>g</sup> |    |     |                |         |    |     |                |         |
| 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    |
| Cohort X CVE Interactions |    |     |                |         |    |     |                |         |
| 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

<table>
<thead>
<tr>
<th>Predictor Variables</th>
<th>Internalizing&lt;sup&gt;g&lt;/sup&gt;</th>
<th></th>
<th></th>
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<th>Externalizing&lt;sup&gt;h&lt;/sup&gt;</th>
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<td>p</td>
<td>β</td>
<td>SE</td>
<td>95% CI</td>
<td>p</td>
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<tr>
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<td>.27</td>
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<td>.03</td>
<td>[-.08, .03]</td>
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<td>.20</td>
<td>[-.89, -.12]</td>
<td>.010</td>
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<td>Black&lt;sup&gt;b&lt;/sup&gt;</td>
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<td>.05</td>
<td>[-.20, -.02]</td>
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<td>[2.10, 4.16]</td>
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<td>[-.52, .27]</td>
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<td>Cohort X CVE Interactions</td>
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<td>.002</td>
<td>.02</td>
<td>[.03, .04]</td>
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</table>

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>CBC Internalizing T-score.

<sup>h</sup>CBC Externalizing T-score.
Table 20

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

<table>
<thead>
<tr>
<th>Predictor Variables</th>
<th>Internalizing&lt;sup&gt;h&lt;/sup&gt;</th>
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<td>p</td>
<td>β</td>
<td>SE</td>
<td>95% CI</td>
<td>p</td>
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</table>

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>CBC Internalizing T-score.
<sup>i</sup>CBC Externalizing score.
## Table 21

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

<table>
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<tr>
<th>Predictor Variables</th>
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<th>Externalizing&lt;sup&gt;h&lt;/sup&gt;</th>
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<td>&lt;i&gt;p&lt;/i&gt;</td>
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<td>.05</td>
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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.
CBCL Internalizing T-score.
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

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)

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?
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? ________
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?

END OF INTERVIEW

RECORD TIME: ________

Time Started: ______
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? ________

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? ________

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? ________

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

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

END OF INTERVIEW  
RECORD TIME: ________

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: ________
REFERENCES


Almirall, D., Ten Have, T., & Murphy, S. A. (2010). Structural nested mean models for


63(4), 927-940. doi: 10.1111/j.1741-3737.2001.00927.x


violence: Coping strategies and involuntary stress responses among Latino adolescents. 

*Cultural Diversity and Ethnic Minority Psychology, 19*(1), 38-49. doi: 10.1037/a0029753


