

APPENDIX to:

"Racial Inequalities in Adolescents' Exposure to Racial and Socioeconomic Segregation, Collective Efficacy, and Violence"

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Sample Information and Supplemental Figure

Appendix Table 1. Comparison of Adolescent Health and Development in Context Sample Characteristics to Estimated Population of Youth and Households

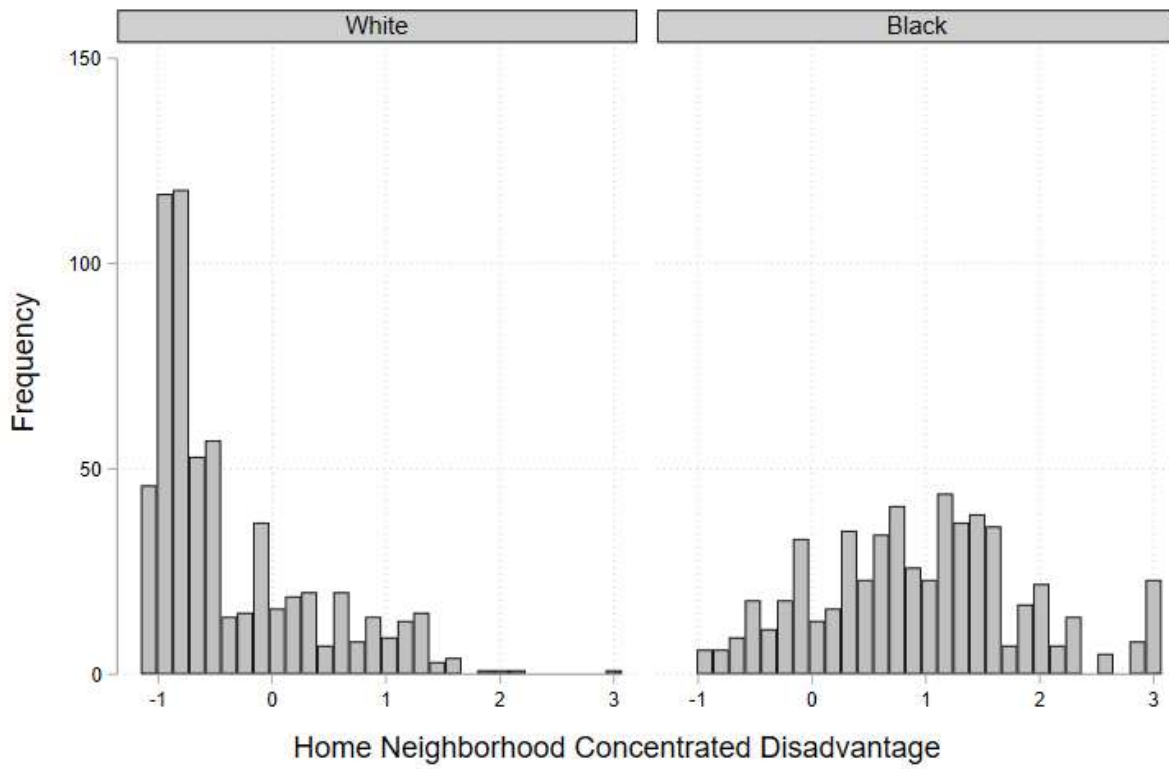
Youth Race/Ethnicity	Population Estimate	AHDC Sample
Non-Hispanic White	48.90%	47.60%
Non-Hispanic Black	31.90%	37.90%
Hispanic (any race)	8.70%	5.40%
Asian	2.20%	1.50%
Multiracial	7.90%	8.40%
Other	0.40%	0.10%
Household Income	Population Estimate	AHDC Sample
\$10,000 or below	13.00%	13.50%
\$10,001 - \$20,000	12.10%	11.00%
\$20,001 - \$30,000	10.30%	11.80%
\$30,001 - \$40,000	10.60%	10.30%
\$40,001 - \$50,000	7.60%	7.70%
\$50,001 - \$60,000	6.90%	6.20%
\$60,001 - \$100,000	17.80%	17.00%
\$100,001 - \$150,000	11.30%	11.10%
\$150,001 - \$200,000	5.30%	5.70%
Above \$200,000	5.20%	5.70%

Notes: Population estimates are derived from the American Community Survey 2012-2014 data from the IPUMS Integrated Public Use Microdata Series (Ruggles et al. 2021). We limit the ACS data to the 6 public use microdata areas (PUMAs) for which the majority of the PUMA area falls within the AHDC study area inside the beltway loop freeway I-270. PUMAs are the smallest spatial unit for which individual and household data is available. Youth racial composition is calculated for the entire population ages 11-17 living in the estimated study area, weighted at the individual level to account for sampling design of the ACS. Household income is calculated for households with at least one child age 11-17, using household level weights.

Ruggles, Steven, Sarah Flood, Sophia Foster, Ronald Goeken, Jose Pacas, Megan Schouweiler, and Matthew Sobek. 2021. *IPUMS USA: Version 11.0 [Dataset]*. Minneapolis, MN: IPUMS. <https://doi.org/10.18128/D010.V11.0>.

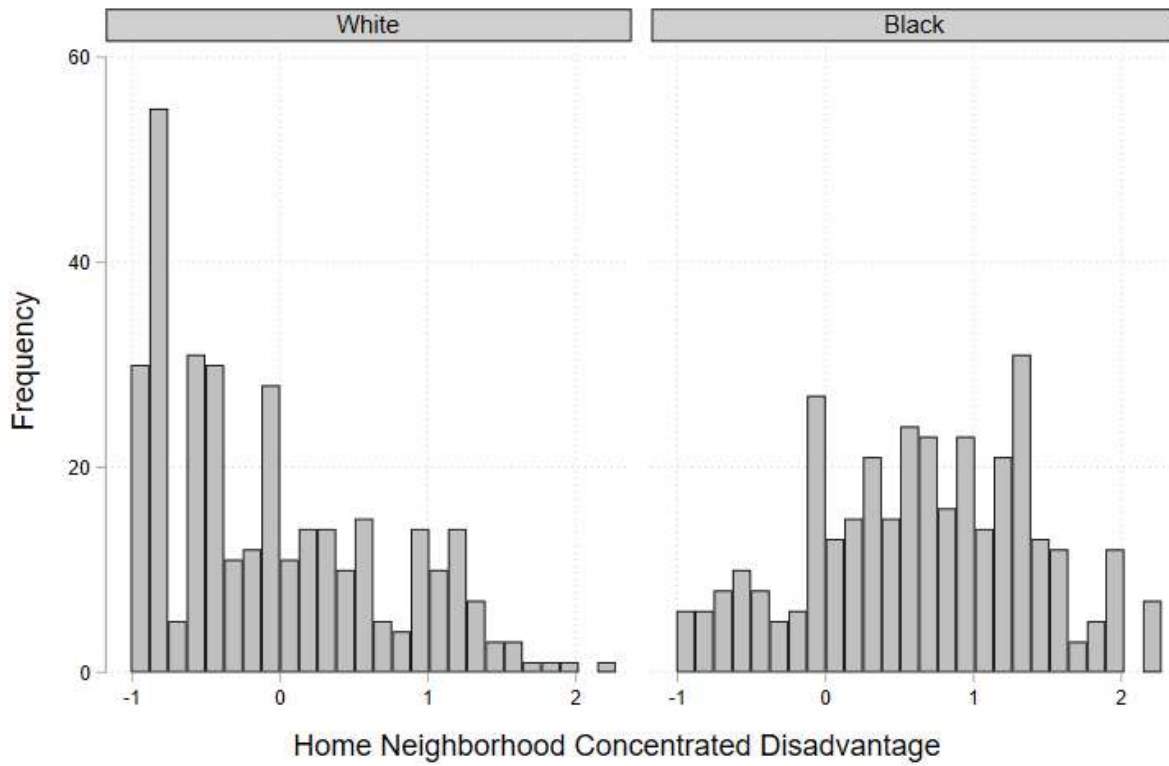
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Appendix Figure 1. Distribution of home neighborhood concentrated disadvantage by race for the full sample of Black and white AHDC youth.



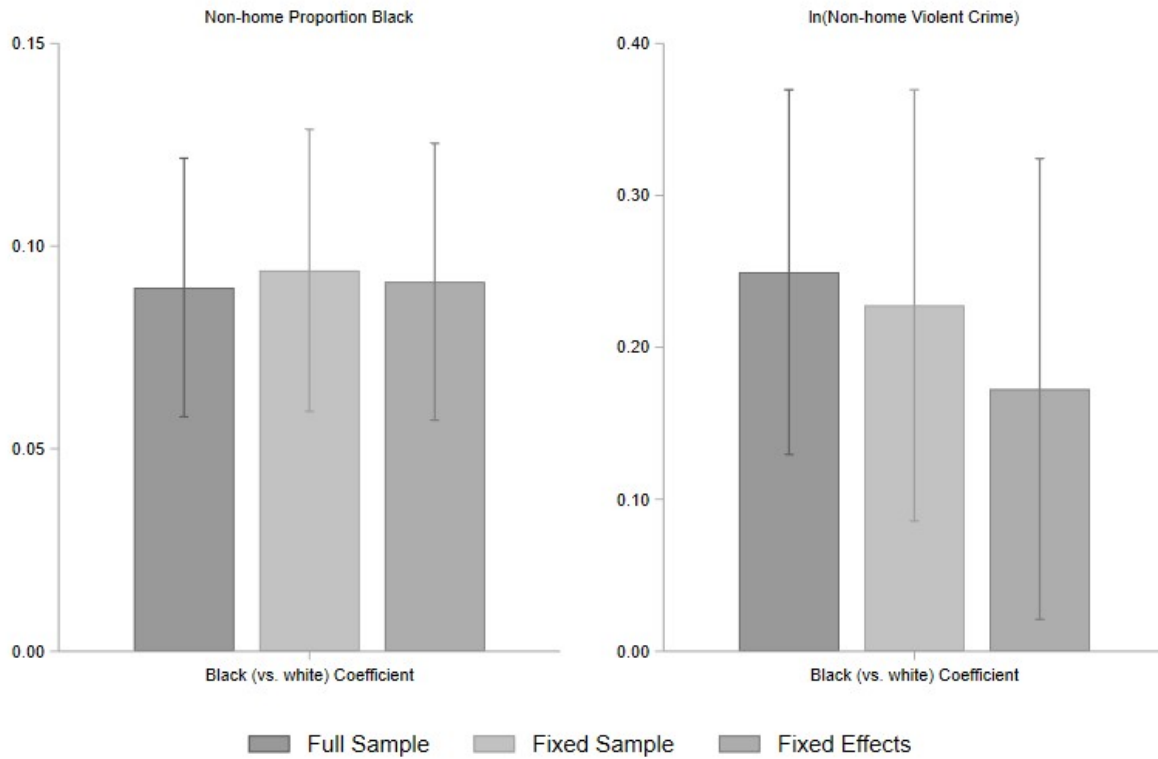
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Appendix Figure 2. Distribution of home neighborhood concentrated disadvantage by race for the census tract fixed effects sample of Black and white AHDC youth.



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Appendix Figure 3. The effect of respondent Black (vs. white) race on non-home exposure to proportion Black and $\ln(\text{violent crime})$ in their original metrics.



Full Tables for Models Presented in Table 2

Appendix Table 2. Linear regression models for non-home exposure to concentrated disadvantage with cluster robust standard errors.

	Concentrated Disadvantage			
	Model 1	Model 2	Model 3	Model 4
ln(Block group population density)		-0.044 (0.042)	-0.116* (0.057)	-0.014 (0.074)
Total non-home time (minutes)		-0.000+ (0.000)	-0.000** (0.000)	0.000** (0.000)
Season				
Winter (December-February) (ref.)				
Spring (March-May)		0.127+ (0.069)	0.023 (0.083)	0.068 (0.087)
Summer (June-August)		0.112 (0.073)	0.074 (0.089)	0.096 (0.089)
Autumn (September-November)		0.036 (0.071)	0.107 (0.087)	0.159+ (0.084)
Number of Weekend Days				
0		-0.078 (0.196)	-0.112 (0.217)	-0.091 (0.205)
1		-0.094 (0.095)	-0.130 (0.132)	-0.116 (0.132)
2 (ref.)				
Family Controls				
Household size		0.025 (0.018)	0.035+ (0.020)	0.030 (0.022)
Parent male		0.050 (0.069)	0.019 (0.105)	0.055 (0.105)
Parent age		0.001 (0.003)	0.000 (0.004)	0.002 (0.004)
Household income				
Under \$30,000 (ref.)				
\$30,001 - \$60,000		-0.145* (0.073)	-0.128 (0.084)	-0.123 (0.084)
\$60,000 - \$150,000+		-0.210* (0.082)	-0.149 (0.099)	-0.076 (0.108)
Parent education				
<High school (ref.)				
High school		0.077 (0.130)	0.127 (0.152)	0.091 (0.146)
Some college		-0.093 (0.126)	-0.012 (0.160)	0.044 (0.163)
College degree		-0.147 (0.150)	0.028 (0.195)	0.179 (0.196)
Graduate degree		-0.159	-0.051	0.123

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		(0.152)	(0.195)	(0.202)
Parent marital status				
Married (ref.)				
Cohabiting		0.046	0.094	0.047
		(0.095)	(0.115)	(0.119)
Single		0.137	0.252*	0.149
		(0.093)	(0.122)	(0.119)
Other		0.048	0.029	0.039
		(0.069)	(0.098)	(0.103)
Residence owned (vs. rented)		-0.081	-0.022	-0.112
		(0.069)	(0.088)	(0.086)
Years lived in current neighborhood		0.003	0.005	0.008*
		(0.003)	(0.003)	(0.004)
Moved in the past two years		0.078	0.113	0.161
		(0.075)	(0.095)	(0.098)
Foreign born		-0.218+	-0.287	-0.172
		(0.116)	(0.199)	(0.207)
Age	-0.016	-0.003	-0.006	-0.016
	(0.014)	(0.013)	(0.016)	(0.015)
Male	-0.078	-0.081+	-0.157*	0.159**
	(0.053)	(0.045)	(0.060)	(0.057)
Respondent Black (vs. white)	0.902***	0.166*	0.117	0.093
	(0.077)	(0.068)	(0.074)	(0.084)
Neighborhood-level measures				
Tract concentrated disadvantage		0.407***	0.499***	
		(0.047)	(0.066)	
Tract proportion Black				
Tract collective efficacy				
ln(Tract Violent crime rate)				
Constant	-0.170	0.292	0.909	0.210
	(0.226)	(0.443)	(0.587)	(0.743)
Fixed Effects				✓
N: Neighborhood-level	178	178	89	89
N: Individual-level	1180	1180	674	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

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Appendix Table 3. Linear regression models for non-home exposure to proportion Black with cluster robust standard errors.

	Proportion Black			
	Model 1	Model 2	Model 3	Model 4
ln(Block group population density)		-0.001 (0.008)	0.006 (0.011)	-0.020 (0.013)
Total non-home time (minutes)		-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Season				
Winter (December-February) (ref.)				
Spring (March-May)		0.028* (0.013)	0.020 (0.020)	0.017 (0.020)
Summer (June-August)		0.017 (0.013)	0.017 (0.017)	0.020 (0.018)
Autumn (September-November)		-0.005 (0.015)	-0.002 (0.021)	0.009 (0.022)
Number of Weekend Days				
0		0.010 (0.030)	-0.026 (0.041)	0.007 (0.049)
1		-0.009 (0.025)	-0.017 (0.035)	-0.022 (0.042)
2 (ref.)				
Family Controls				
Household size		0.002 (0.004)	0.007 (0.005)	0.005 (0.005)
Parent male		-0.003 (0.012)	-0.022 (0.018)	-0.022 (0.019)
Parent age		0.001 (0.001)	0.001 (0.001)	0.001 (0.001)
Household income				
Under \$30,000 (ref.)				
\$30,001 - \$60,000		-0.020 (0.017)	-0.021 (0.020)	-0.017 (0.019)
\$60,000 - \$150,000+		-0.027 (0.018)	-0.020 (0.022)	-0.002 (0.024)
Parent education				
<High school (ref.)				
High school		-0.012 (0.024)	0.018 (0.029)	0.026 (0.028)
Some college		-0.009 (0.025)	0.013 (0.032)	0.025 (0.031)
College degree		-0.019 (0.029)	0.018 (0.038)	0.033 (0.038)
Graduate degree		-0.015 (0.029)	0.019 (0.036)	0.029 (0.037)
Parent marital status				

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Married (ref.)				
Cohabiting		0.010 (0.020)	0.012 (0.025)	-0.001 (0.025)
Single		0.044* (0.019)	0.047+ (0.027)	0.021 (0.028)
Other		0.004 (0.014)	0.001 (0.020)	0.002 (0.021)
Residence owned (vs. rented)		-0.033* (0.016)	-0.028 (0.019)	-0.042* (0.020)
Years lived in current neighborhood		0.001* (0.001)	0.001+ (0.001)	0.002* (0.001)
Moved in the past two years		0.034* (0.014)	0.042* (0.018)	0.045* (0.018)
Foreign born		-0.069* (0.028)	-0.096+ (0.057)	-0.065 (0.058)
Age	-0.000 (0.003)	0.000 (0.003)	0.002 (0.003)	0.002 (0.003)
Male	-0.019 (0.012)	-0.017+ (0.009)	-0.033* (0.013)	-0.033** (0.012)
Respondent Black (vs. white)	0.305*** (0.017)	0.090*** (0.016)	0.094*** (0.018)	0.091*** (0.017)
Neighborhood-level measures				
Tract concentrated disadvantage		0.019+ (0.012)	-0.004 (0.016)	
Tract proportion Black		0.357*** (0.040)	0.411*** (0.047)	
Tract collective efficacy				
ln(Tract Violent crime rate)				
Constant	0.139** (0.048)	0.082 (0.086)	-0.022 (0.131)	0.321* (0.136)
Fixed Effects				✓
N: Neighborhood-level	178	178	89	89
N: Individual-level	1180	1180	674	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

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Appendix Table 4. Linear regression models for non-home exposure to collective efficacy with cluster robust standard errors.

	Collective Efficacy			
	Model 1	Model 2	Model 3	Model 4
ln(Block group population density)		0.057 (0.040)	0.099+ (0.056)	0.001 (0.069)
Total non-home time (minutes)		0.000* (0.000)	0.000 (0.000)	0.000 (0.000)
Season				
Winter (December-February) (ref.)				
Spring (March-May)		-0.095+ (0.054)	-0.069 (0.077)	-0.096 (0.070)
Summer (June-August)		-0.150* (0.062)	-0.180* (0.085)	-0.227* (0.089)
Autumn (September-November)		-0.062 (0.060)	-0.081 (0.080)	-0.117 (0.087)
Number of Weekend Days				
0		-0.002 (0.197)	-0.103 (0.225)	0.034 (0.137)
1		0.023 (0.114)	0.092 (0.125)	-0.017 (0.107)
2 (ref.)				
Family Controls				
Household size		-0.023 (0.014)	-0.048** (0.017)	-0.046* (0.019)
Parent male		0.036 (0.059)	0.089 (0.076)	0.086 (0.082)
Parent age		0.003 (0.003)	0.006 (0.003)	0.004 (0.004)
Household income				
Under \$30,000 (ref.)				
\$30,001 - \$60,000		0.027 (0.063)	0.061 (0.071)	0.070 (0.070)
\$60,000 - \$150,000+		0.096 (0.061)	0.090 (0.072)	0.041 (0.075)
Parent education				
<High school (ref.)				
High school		0.014 (0.091)	-0.109 (0.115)	-0.120 (0.113)
Some college		0.096 (0.091)	0.012 (0.114)	-0.044 (0.116)
College degree		0.219+ (0.120)	0.056 (0.147)	-0.065 (0.146)
Graduate degree		0.200+ (0.119)	0.031 (0.146)	-0.098 (0.142)
Parent marital status				

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Married (ref.)				
Cohabiting		-0.022 (0.090)	-0.069 (0.104)	-0.102 (0.111)
Single		-0.066 (0.075)	-0.145 (0.103)	-0.081 (0.101)
Other		-0.200** (0.064)	-0.252** (0.084)	-0.218* (0.088)
Residence owned (vs. rented)		-0.018 (0.061)	-0.084 (0.076)	-0.046 (0.067)
Years lived in current neighborhood		0.000 (0.002)	0.002 (0.004)	-0.000 (0.003)
Moved in the past two years		-0.044 (0.059)	-0.058 (0.073)	-0.071 (0.078)
Foreign born		0.011 (0.100)	0.029 (0.162)	-0.163 (0.143)
Age	0.004 (0.014)	-0.010 (0.012)	-0.023+ (0.014)	-0.010 (0.012)
Male	0.088+ (0.049)	0.128** (0.040)	0.178** (0.058)	0.124* (0.057)
Respondent Black (vs. white)	-1.062*** (0.086)	-0.286*** (0.063)	-0.277*** (0.074)	-0.228** (0.072)
Neighborhood-level measures				
Tract concentrated disadvantage		-0.054 (0.043)	-0.025 (0.106)	
Tract proportion Black				
Tract collective efficacy		0.473*** (0.059)	0.503*** (0.119)	
ln(Tract Violent crime rate)				
Constant	0.419+ (0.231)	-0.390 (0.402)	-0.478 (0.564)	0.263 (0.653)
Fixed Effects				✓
N: Neighborhood-level	178	178	89	89
N: Individual-level	1180	1180	674	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

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Appendix Table 5. Linear regression models for non-home exposure to violent crime with cluster robust standard errors.

	ln(Violent Crime)			
	Model 1	Model 2	Model 3	Model 4
ln(Block group population density)		-0.094*	-0.100+	-0.079
		(0.043)	(0.054)	(0.091)
Total non-home time (minutes)		0.000**	0.000*	0.000
		(0.000)	(0.000)	(0.000)
Season				
Winter (December-February) (ref.)				
Spring (March-May)		0.050	-0.068	-0.050
		(0.061)	(0.071)	(0.080)
Summer (June-August)		0.028	-0.017	-0.025
		(0.065)	(0.086)	(0.095)
Autumn (September-November)		0.084	0.048	0.038
		(0.061)	(0.083)	(0.084)
Number of Weekend Days				
0		0.159	0.313+	0.362*
		(0.162)	(0.161)	(0.178)
1		0.209+	0.147	0.054
		(0.112)	(0.125)	(0.140)
2 (ref.)				
Family Controls				
Household size		-0.025+	-0.022	-0.021
		(0.014)	(0.018)	(0.019)
Parent male		0.082	0.070	0.010
		(0.076)	(0.093)	(0.084)
Parent age		-0.000	0.001	-0.000
		(0.003)	(0.004)	(0.004)
Household income				
Under \$30,000 (ref.)				
\$30,001 - \$60,000		-0.079	-0.069	-0.045
		(0.061)	(0.082)	(0.088)
\$60,000 - \$150,000+		-0.138+	0.003	0.049
		(0.083)	(0.107)	(0.118)
Parent education				
<High school (ref.)				
High school		0.064	0.069	0.048
		(0.106)	(0.149)	(0.158)
Some college		-0.053	-0.034	-0.031
		(0.103)	(0.142)	(0.155)
College degree		-0.145	-0.132	-0.107
		(0.126)	(0.174)	(0.177)
Graduate degree		-0.049	-0.038	-0.021
		(0.131)	(0.176)	(0.185)
Parent marital status				

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Married (ref.)				
Cohabiting		0.061	0.143	0.162
		(0.088)	(0.104)	(0.113)
Single		-0.063	0.086	0.103
		(0.068)	(0.086)	(0.094)
Other		0.025	0.144	0.105
		(0.076)	(0.091)	(0.089)
Residence owned (vs. rented)		-0.082	-0.027	-0.121
		(0.063)	(0.076)	(0.077)
Years lived in current neighborhood		0.001	0.000	0.002
		(0.002)	(0.003)	(0.004)
Moved in the past two years		0.002	-0.011	0.032
		(0.072)	(0.093)	(0.098)
Foreign born		-0.015	-0.184	-0.192
		(0.137)	(0.189)	(0.255)
Age	0.004	0.033**	0.007	0.013
	(0.017)	(0.012)	(0.015)	(0.015)
Male	-0.032	-0.029	0.004	-0.013
	(0.067)	(0.049)	(0.062)	(0.063)
Respondent Black (vs. white)	1.435***	0.249***	0.226**	0.171*
	(0.123)	(0.061)	(0.072)	(0.076)
Neighborhood-level measures				
Tract concentrated disadvantage		0.135*	0.176*	
		(0.061)	(0.073)	
Tract proportion Black				
Tract collective efficacy				
ln(Tract Violent crime rate)		0.586***	0.654***	
		(0.062)	(0.053)	
Constant	-0.201	-0.521	-0.423	1.159
	(0.293)	(0.448)	(0.593)	(0.893)
Fixed Effects				✓
N: Neighborhood-level	178	178	89	89
N: Individual-level	1180	1180	674	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

Full Tables for Interaction Models Presented in Table 3

Appendix Table 6. Linear regression models for non-home exposure to concentrated disadvantage with cluster robust standard errors and interactions.

	Concentrated Disadvantage						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.028 (0.038)	-0.043 (0.042)	-0.011 (0.074)	-0.043 (0.043)	-0.015 (0.073)	-0.046 (0.042)	-0.013 (0.073)
Total non-home time (minutes)	-0.000* (0.000)	-0.000+ (0.000)	-0.000* (0.000)	-0.000+ (0.000)	0.000** (0.000)	-0.000+ (0.000)	0.000** (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.132* (0.066)	0.127+ (0.069)	0.070 (0.087)	0.128+ (0.070)	0.067 (0.087)	0.127+ (0.069)	0.066 (0.087)
Summer (June-August)	0.103 (0.063)	0.112 (0.073)	0.096 (0.090)	0.113 (0.073)	0.098 (0.089)	0.112 (0.073)	0.096 (0.089)
Autumn (September-November)	0.054 (0.064)	0.035 (0.071)	0.158+ (0.085)	0.035 (0.071)	0.157+ (0.084)	0.038 (0.071)	0.160+ (0.084)
Number of Weekend Days							
0	-0.053 (0.164)	-0.077 (0.197)	-0.092 (0.207)	-0.074 (0.196)	-0.077 (0.206)	-0.084 (0.197)	-0.096 (0.202)
1	-0.081 (0.123)	-0.094 (0.095)	-0.115 (0.132)	-0.100 (0.095)	-0.118 (0.130)	-0.090 (0.094)	-0.115 (0.132)
2 (ref.)							
Family Controls							
Household size	0.024 (0.015)	0.025 (0.018)	0.030 (0.022)	0.025 (0.017)	0.029 (0.022)	0.025 (0.018)	0.030 (0.022)
Parent male	0.057 (0.069)	0.050 (0.069)	0.058 (0.104)	0.051 (0.069)	0.056 (0.105)	0.048 (0.069)	0.055 (0.105)
Parent age	0.001 (0.003)	0.001 (0.003)	0.002 (0.004)	0.001 (0.003)	0.002 (0.004)	0.001 (0.003)	0.002 (0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.149* (0.066)	-0.146* (0.072)	-0.124 (0.084)	-0.139+ (0.072)	-0.118 (0.085)	-0.144* (0.072)	-0.122 (0.084)
\$60,000 - \$150,000+	-0.158* (0.076)	-0.210* (0.082)	-0.076 (0.108)	-0.208* (0.081)	-0.070 (0.109)	-0.213* (0.082)	-0.076 (0.108)
Parent education							
<High school (ref.)							
High school	0.070 (0.114)	0.078 (0.130)	0.092 (0.147)	0.082 (0.131)	0.091 (0.146)	0.078 (0.129)	0.086 (0.145)
Some college	-0.074 (0.107)	-0.092 (0.126)	0.044 (0.163)	-0.093 (0.125)	0.038 (0.162)	-0.093 (0.125)	0.040 (0.163)
College degree	-0.080 (0.121)	-0.146 (0.150)	0.180 (0.198)	-0.144 (0.150)	0.178 (0.196)	-0.148 (0.149)	0.172 (0.197)
Graduate degree	-0.074 (0.128)	-0.159 (0.152)	0.127 (0.204)	-0.158 (0.152)	0.121 (0.202)	-0.159 (0.151)	0.120 (0.203)
Parent marital status							
Married (ref.)							
Cohabiting	0.030 (0.087)	0.045 (0.095)	0.041 (0.121)	0.051 (0.095)	0.051 (0.119)	0.052 (0.096)	0.054 (0.121)
Single	0.107 (0.081)	0.136 (0.092)	0.145 (0.119)	0.132 (0.092)	0.138 (0.119)	0.142 (0.093)	0.152 (0.120)
Other	0.066 (0.072)	0.048 (0.069)	0.038 (0.104)	0.050 (0.069)	0.037 (0.103)	0.052 (0.069)	0.042 (0.103)

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Residence owned (vs. rented)	-0.116+	-0.081	-0.116	-0.084	-0.123	-0.077	-0.111
	(0.068)	(0.069)	(0.086)	(0.069)	(0.087)	(0.069)	(0.087)
Years lived in current neighborhood	0.004	0.003	0.008*	0.003	0.007*	0.003	0.007*
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.003)	(0.004)
Moved in the past two years	0.091	0.079	0.160	0.079	0.164+	-0.015	0.097
	(0.066)	(0.075)	(0.098)	(0.075)	(0.098)	(0.097)	(0.132)
Foreign born	-0.194	-0.219+	-0.181	-0.228*	-0.176	-0.210+	-0.162
	(0.160)	(0.116)	(0.209)	(0.113)	(0.206)	(0.113)	(0.207)
Age	-0.004	-0.003	-0.017	0.013	0.001	-0.004	-0.017
	(0.013)	(0.013)	(0.015)	(0.016)	(0.021)	(0.013)	(0.015)
Male	-0.095*	-0.068	-0.119	-0.081+	0.158**	-0.082+	0.158**
	(0.044)	(0.057)	(0.080)	(0.045)	(0.057)	(0.045)	(0.057)
Respondent Black (vs. white)	0.176*	0.179*	0.132	0.656+	0.609	0.140+	0.074
	(0.069)	(0.078)	(0.102)	(0.365)	(0.513)	(0.073)	(0.094)
Neighborhood-level measures							
Tract concentrated disadvantage	0.504***	0.407***		0.408***		0.409***	
	(0.055)	(0.047)		(0.047)		(0.047)	
Tract proportion Black							
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	-0.119+						
	(0.067)						
Black * Male		-0.027	-0.080				
		(0.086)	(0.115)				
Black * Age				-0.034	-0.036		
				(0.025)	(0.035)		
Black * Moved						0.147	0.104
						(0.131)	(0.170)
Constant	0.177	0.282	0.174	0.054	-0.028	0.320	0.222
	(0.408)	(0.446)	(0.750)	(0.482)	(0.763)	(0.440)	(0.736)
Fixed Effects			✓		✓		✓
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 7. Linear regression models for non-home exposure to proportion Black with cluster robust standard errors and interactions.

	Proportion Black						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.004 (0.008)	-0.001 (0.008)	-0.019 (0.013)	-0.001 (0.008)	-0.020 (0.013)	-0.001 (0.008)	-0.020 (0.013)
Total non-home time (minutes)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.028+ (0.014)	0.028* (0.013)	0.018 (0.019)	0.028* (0.013)	0.017 (0.020)	0.028* (0.013)	0.017 (0.020)
Summer (June-August)	0.018 (0.014)	0.017 (0.013)	0.020 (0.018)	0.017 (0.013)	0.020 (0.018)	0.017 (0.013)	0.020 (0.018)
Autumn (September-November)	-0.003 (0.014)	-0.006 (0.015)	0.008 (0.022)	-0.005 (0.015)	0.008 (0.022)	-0.005 (0.015)	0.009 (0.022)
Number of Weekend Days							
0	0.009 (0.035)	0.010 (0.031)	0.007 (0.050)	0.011 (0.030)	0.011 (0.049)	0.009 (0.031)	0.007 (0.049)
1	-0.015 (0.026)	-0.009 (0.025)	-0.021 (0.042)	-0.011 (0.026)	-0.022 (0.042)	-0.009 (0.025)	-0.022 (0.042)
2 (ref.)							
Family Controls							
Household size	0.002 (0.003)	0.002 (0.004)	0.005 (0.005)	0.002 (0.004)	0.005 (0.005)	0.002 (0.004)	0.005 (0.005)
Parent male	-0.004 (0.015)	-0.004 (0.013)	-0.021 (0.019)	-0.003 (0.012)	-0.022 (0.019)	-0.004 (0.012)	-0.022 (0.019)
Parent age	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.018 (0.015)	-0.020 (0.017)	-0.018 (0.019)	-0.018 (0.017)	-0.016 (0.019)	-0.019 (0.017)	-0.017 (0.019)
\$60,000 - \$150,000+	-0.022 (0.017)	-0.028 (0.018)	-0.002 (0.024)	-0.027 (0.018)	-0.001 (0.024)	-0.028 (0.018)	-0.002 (0.024)
Parent education							
<High school (ref.)							
High school	-0.002 (0.024)	-0.011 (0.024)	0.027 (0.029)	-0.010 (0.024)	0.026 (0.029)	-0.011 (0.024)	0.025 (0.028)
Some college	-0.001 (0.023)	-0.009 (0.025)	0.025 (0.032)	-0.009 (0.025)	0.024 (0.032)	-0.009 (0.025)	0.025 (0.032)
College degree	-0.011 (0.026)	-0.019 (0.029)	0.033 (0.038)	-0.019 (0.029)	0.033 (0.038)	-0.020 (0.029)	0.032 (0.038)
Graduate degree	-0.006 (0.027)	-0.015 (0.029)	0.031 (0.038)	-0.015 (0.029)	0.029 (0.038)	-0.015 (0.028)	0.029 (0.038)
Parent marital status							
Married (ref.)							
Cohabiting	0.006 (0.019)	0.008 (0.020)	-0.004 (0.025)	0.011 (0.020)	-0.001 (0.025)	0.011 (0.020)	-0.001 (0.025)
Single	0.037* (0.017)	0.043* (0.019)	0.020 (0.028)	0.043* (0.019)	0.019 (0.028)	0.045* (0.019)	0.022 (0.028)
Other	0.008 (0.016)	0.004 (0.014)	0.001 (0.021)	0.004 (0.014)	0.001 (0.021)	0.004 (0.014)	0.002 (0.021)
Residence owned (vs. rented)	-0.036* (0.014)	-0.033* (0.016)	-0.044* (0.019)	-0.034* (0.016)	-0.044* (0.020)	-0.032* (0.016)	-0.042* (0.020)

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Years lived in current neighborhood	0.002** (0.001)	0.001* (0.001)	0.002* (0.001)	0.001* (0.001)	0.002* (0.001)	0.001* (0.001)	0.002* (0.001)
Moved in the past two years	0.036* (0.014)	0.035* (0.014)	0.045* (0.018)	0.034* (0.014)	0.046* (0.018)	0.015 (0.019)	0.041 (0.028)
Foreign born	-0.066+ (0.034)	-0.070* (0.028)	-0.069 (0.057)	-0.071* (0.029)	-0.066 (0.058)	-0.068* (0.029)	-0.065 (0.058)
Age	0.002 (0.003)	0.000 (0.003)	0.002 (0.003)	0.004 (0.003)	0.006 (0.004)	0.000 (0.003)	0.002 (0.003)
Male	-0.017+ (0.010)	-0.005 (0.012)	-0.015 (0.016)	-0.017+ (0.009)	0.033** (0.012)	-0.017+ (0.009)	-0.033* (0.013)
Respondent Black (vs. white)	0.089*** (0.015)	0.101*** (0.018)	0.109*** (0.019)	0.202** (0.077)	0.205+ (0.114)	0.084*** (0.017)	0.090*** (0.019)
Neighborhood-level measures							
Tract concentrated disadvantage	0.018 (0.013)	0.019+ (0.011)		0.019+ (0.012)		0.020+ (0.012)	
Tract proportion Black	0.374*** (0.037)	0.357*** (0.040)		0.358*** (0.040)		0.358*** (0.040)	
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	-0.001 (0.014)						
Black * Male		-0.023 (0.018)	-0.036 (0.023)				
Black * Age				-0.008 (0.005)	-0.008 (0.008)		
Black * Moved						0.030 (0.026)	0.007 (0.036)
Constant	0.089 (0.087)	0.074 (0.086)	0.305* (0.138)	0.028 (0.089)	0.268+ (0.144)	0.088 (0.085)	0.322* (0.135)
Fixed Effects			✓		✓		✓
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 8. Linear regression models for non-home exposure to collective efficacy with cluster robust standard errors and interactions.

	Collective Efficacy						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	0.031 (0.035)	0.056 (0.040)	-0.002 (0.069)	0.057 (0.040)	0.001 (0.069)	0.060 (0.040)	0.001 (0.069)
Total non-home time (minutes)	0.000 (0.000)	0.000* (0.000)	0.000 (0.000)	0.000* (0.000)	0.000 (0.000)	0.000* (0.000)	0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	-0.106+ (0.059)	-0.094+ (0.055)	-0.098 (0.070)	-0.096+ (0.055)	-0.097 (0.070)	-0.095+ (0.054)	-0.098 (0.071)
Summer (June-August)	-0.165** (0.056)	-0.150* (0.062)	-0.228* (0.090)	-0.151* (0.062)	-0.227* (0.089)	-0.151* (0.062)	-0.227* (0.089)
Autumn (September-November)	-0.071 (0.057)	-0.061 (0.060)	-0.117 (0.087)	-0.062 (0.060)	-0.118 (0.087)	-0.065 (0.060)	-0.116 (0.088)
Number of Weekend Days							
0	0.022 (0.147)	-0.003 (0.197)	0.035 (0.138)	-0.007 (0.196)	0.039 (0.138)	0.006 (0.198)	0.030 (0.138)
1	-0.024 (0.110)	0.023 (0.113)	-0.018 (0.108)	0.031 (0.115)	-0.018 (0.108)	0.018 (0.112)	-0.017 (0.108)
2 (ref.)							
Family Controls							
Household size	-0.024+ (0.013)	-0.023 (0.014)	-0.046* (0.019)	-0.023 (0.014)	-0.046* (0.019)	-0.023 (0.014)	-0.046* (0.019)
Parent male	0.033 (0.062)	0.036 (0.059)	0.083 (0.082)	0.034 (0.058)	0.086 (0.082)	0.038 (0.059)	0.086 (0.082)
Parent age	0.003 (0.003)	0.003 (0.003)	0.004 (0.004)	0.003 (0.003)	0.004 (0.004)	0.003 (0.003)	0.004 (0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	0.052 (0.061)	0.030 (0.064)	0.072 (0.070)	0.019 (0.063)	0.072 (0.070)	0.026 (0.063)	0.071 (0.070)
\$60,000 - \$150,000+	0.079 (0.069)	0.097 (0.061)	0.041 (0.074)	0.093 (0.061)	0.043 (0.074)	0.101 (0.061)	0.041 (0.075)
Parent education							
<High school (ref.)							
High school	0.010 (0.102)	0.011 (0.091)	-0.121 (0.113)	0.008 (0.090)	-0.120 (0.113)	0.013 (0.090)	-0.123 (0.112)
Some college	0.074 (0.096)	0.095 (0.091)	-0.044 (0.116)	0.096 (0.091)	-0.046 (0.117)	0.097 (0.091)	-0.047 (0.116)
College degree	0.159 (0.109)	0.218+ (0.120)	-0.066 (0.146)	0.216+ (0.120)	-0.065 (0.146)	0.221+ (0.120)	-0.070 (0.145)
Graduate degree	0.115 (0.115)	0.199+ (0.119)	-0.103 (0.142)	0.199+ (0.118)	-0.099 (0.142)	0.200+ (0.119)	-0.100 (0.142)
Parent marital status							
Married (ref.)							
Cohabiting	-0.024 (0.078)	-0.018 (0.090)	-0.095 (0.113)	-0.028 (0.088)	-0.100 (0.111)	-0.030 (0.089)	-0.096 (0.112)
Single	-0.066 (0.069)	-0.064 (0.075)	-0.078 (0.102)	-0.060 (0.075)	-0.085 (0.102)	-0.072 (0.075)	-0.079 (0.101)
Other	-0.205** (0.065)	-0.199** (0.064)	-0.217* (0.089)	-0.202** (0.063)	-0.218* (0.088)	-0.205** (0.064)	-0.215* (0.089)
Residence owned (vs. rented)	0.007 (0.060)	-0.018 (0.061)	-0.041 (0.067)	-0.014 (0.061)	-0.049 (0.068)	-0.023 (0.061)	-0.044 (0.066)

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Years lived in current neighborhood	-0.000 (0.002)	0.000 (0.002)	-0.000 (0.003)	0.001 (0.002)	-0.000 (0.003)	0.001 (0.002)	-0.000 (0.003)
Moved in the past two years	-0.052 (0.059)	-0.045 (0.059)	-0.070 (0.078)	-0.045 (0.058)	-0.070 (0.078)	0.079 (0.097)	-0.119 (0.124)
Foreign born	-0.053 (0.143)	0.015 (0.099)	-0.153 (0.144)	0.023 (0.099)	-0.164 (0.143)	0.001 (0.098)	-0.156 (0.143)
Age	-0.009 (0.011)	-0.010 (0.012)	-0.010 (0.012)	-0.030* (0.015)	-0.004 (0.017)	-0.009 (0.012)	-0.011 (0.012)
Male	0.114** (0.040)	0.090 (0.061)	0.079 (0.089)	0.127** (0.040)	0.125* (0.057)	0.128** (0.041)	0.125* (0.057)
Respondent Black (vs. white)	-0.273*** (0.060)	-0.323*** (0.076)	-0.272** (0.093)	-0.899** (0.312)	-0.050 (0.395)	-0.252*** (0.068)	-0.242** (0.080)
Neighborhood-level measures							
Tract concentrated disadvantage	-0.119+ (0.068)	-0.053 (0.043)		-0.055 (0.043)		-0.056 (0.043)	
Tract proportion Black							
Tract collective efficacy	0.430*** (0.053)	0.473*** (0.059)		0.472*** (0.059)		0.473*** (0.059)	
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	0.053 (0.062)						
Black * Male		0.077 (0.080)	0.089 (0.115)				
Black * Age				0.043* (0.021)	-0.013 (0.027)		
Black * Moved						-0.194 (0.121)	0.078 (0.154)
Constant	-0.133 (0.371)	-0.360 (0.404)	0.303 (0.658)	-0.092 (0.430)	0.180 (0.671)	-0.426 (0.403)	0.272 (0.652)
Fixed Effects			✓		✓		✓
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 9. Linear regression models for non-home exposure to violent crime with cluster robust standard errors and interactions.

	ln(Violent Crime)						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.093*	-0.095*	-0.085	-0.094*	-0.079	-0.093*	-0.080
	(0.038)	(0.043)	(0.091)	(0.043)	(0.091)	(0.043)	(0.090)
Total non-home time (minutes)	0.000***	0.000**	0.000	0.000**	0.000	0.000***	0.000+
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.040	0.050	-0.053	0.051	-0.050	0.050	-0.042
	(0.065)	(0.061)	(0.080)	(0.061)	(0.080)	(0.060)	(0.081)
Summer (June-August)	0.013	0.028	-0.026	0.028	-0.025	0.028	-0.026
	(0.062)	(0.065)	(0.094)	(0.065)	(0.095)	(0.065)	(0.094)
Autumn (September-November)	0.074	0.084	0.038	0.084	0.037	0.082	0.034
	(0.063)	(0.061)	(0.085)	(0.061)	(0.085)	(0.061)	(0.084)
Number of Weekend Days							
0	0.168	0.158	0.364+	0.161	0.365*	0.163	0.377*
	(0.162)	(0.163)	(0.187)	(0.163)	(0.180)	(0.162)	(0.182)
1	0.201+	0.209+	0.052	0.206+	0.054	0.206+	0.053
	(0.121)	(0.112)	(0.141)	(0.112)	(0.140)	(0.112)	(0.146)
2 (ref.)							
Family Controls							
Household size	-0.025+	-0.025+	-0.021	-0.025+	-0.021	-0.025+	-0.020
	(0.015)	(0.014)	(0.019)	(0.014)	(0.019)	(0.014)	(0.019)
Parent male	0.067	0.082	0.006	0.082	0.010	0.083	0.010
	(0.068)	(0.076)	(0.085)	(0.076)	(0.085)	(0.076)	(0.083)
Parent age	-0.000	-0.000	-0.000	-0.000	-0.000	-0.001	-0.001
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.003)	(0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.072	-0.078	-0.042	-0.076	-0.044	-0.080	-0.048
	(0.063)	(0.061)	(0.088)	(0.061)	(0.089)	(0.061)	(0.088)
\$60,000 - \$150,000+	-0.104	-0.138+	0.048	-0.137	0.050	-0.136	0.049
	(0.080)	(0.083)	(0.119)	(0.083)	(0.118)	(0.083)	(0.118)
Parent education							
<High school (ref.)							
High school	0.072	0.063	0.045	0.066	0.048	0.064	0.060
	(0.112)	(0.107)	(0.158)	(0.107)	(0.158)	(0.107)	(0.157)
Some college	-0.040	-0.053	-0.031	-0.053	-0.032	-0.052	-0.020
	(0.106)	(0.104)	(0.155)	(0.104)	(0.156)	(0.104)	(0.156)
College degree	-0.108	-0.145	-0.109	-0.144	-0.107	-0.144	-0.088
	(0.121)	(0.126)	(0.178)	(0.126)	(0.177)	(0.126)	(0.176)
Graduate degree	-0.021	-0.049	-0.029	-0.048	-0.022	-0.049	-0.014
	(0.128)	(0.131)	(0.183)	(0.131)	(0.185)	(0.131)	(0.185)
Parent marital status							
Married (ref.)							
Cohabiting	0.064	0.062	0.173	0.063	0.163	0.056	0.143
	(0.086)	(0.089)	(0.114)	(0.088)	(0.113)	(0.089)	(0.113)
Single	-0.054	-0.063	0.110	-0.066	0.101	-0.067	0.094
	(0.076)	(0.068)	(0.095)	(0.068)	(0.095)	(0.068)	(0.094)
Other	-0.001	0.025	0.107	0.026	0.105	0.022	0.096
	(0.071)	(0.076)	(0.090)	(0.076)	(0.090)	(0.075)	(0.086)
Residence owned (vs. rented)	-0.098	-0.082	-0.114	-0.084	-0.123	-0.085	-0.125
	(0.066)	(0.063)	(0.077)	(0.064)	(0.079)	(0.064)	(0.076)

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Years lived in current neighborhood	0.000 (0.003)	0.001 (0.002)	0.002 (0.004)	0.001 (0.002)	0.002 (0.004)	0.001 (0.002)	0.003 (0.004)
Moved in the past two years	0.012 (0.065)	0.002 (0.072)	0.034 (0.097)	0.002 (0.072)	0.032 (0.098)	0.070 (0.129)	0.201 (0.185)
Foreign born	-0.047 (0.158)	-0.014 (0.137)	-0.175 (0.263)	-0.020 (0.136)	-0.193 (0.255)	-0.021 (0.139)	-0.218 (0.257)
Age	0.034** (0.012)	0.033** (0.012)	0.014 (0.015)	0.041* (0.017)	0.017 (0.021)	0.034** (0.012)	0.015 (0.015)
Male	-0.034 (0.044)	-0.042 (0.071)	-0.088 (0.092)	-0.029 (0.049)	-0.013 (0.062)	-0.029 (0.049)	-0.017 (0.062)
Respondent Black (vs. white)	0.238*** (0.066)	0.237** (0.074)	0.099 (0.089)	0.486 (0.295)	0.262 (0.396)	0.267*** (0.065)	0.221* (0.085)
Neighborhood-level measures							
Tract concentrated disadvantage	0.148+ (0.076)	0.135* (0.061)		0.134* (0.061)		0.134* (0.061)	
Tract proportion Black							
Tract collective efficacy							
ln(Tract Violent crime rate)	0.590*** (0.040)	0.586*** (0.062)		0.587*** (0.061)		0.585*** (0.062)	
Interaction terms							
Black * Tract Disadvantage	-0.034 (0.069)						
Black * Male		0.025 (0.087)	0.148 (0.104)				
Black * Age				-0.017 (0.021)	-0.006 (0.028)		
Black * Moved						-0.106 (0.147)	-0.276 (0.203)
Constant	-0.534 (0.407)	-0.512 (0.454)	1.226 (0.896)	-0.638 (0.470)	1.117 (0.930)	-0.541 (0.450)	1.126 (0.878)
Fixed Effects							
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

Full Tables for Models Presented in Table 2: Non-Home Exposures Excluding School Time

Appendix Table 10. Linear regression models for non-home exposures with cluster robust standard errors, excluding school-time.

	Concentrated Disadvantage			Proportion Black			Collective Efficacy			ln(Violent Crime)		
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
ln(Block group population density)	-0.033 (0.039)	-0.064 (0.053)	-0.033 (0.078)	0.004 (0.009)	0.024* (0.011)	-0.008 (0.016)	0.019 (0.036)	0.039 (0.053)	0.013 (0.082)	-0.096* (0.044)	-0.096+ (0.058)	-0.090 (0.090)
Total non-home time (minutes)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	0.000*** (0.000)	0.000* (0.000)	0.000+ (0.000)
Season							0.000	0.000	0.000			
Winter (December-February) (ref.)												
Spring (March-May)	0.125* (0.063)	0.020 (0.084)	0.016 (0.086)	0.012 (0.014)	0.013 (0.022)	0.004 (0.023)	-0.052 (0.057)	-0.036 (0.080)	-0.003 (0.080)	0.068 (0.061)	-0.049 (0.072)	-0.032 (0.082)
Summer (June-August)	0.008 (0.064)	0.008 (0.081)	0.002 (0.084)	-0.002 (0.012)	-0.003 (0.017)	-0.006 (0.018)	0.014 (0.066)	-0.079 (0.083)	-0.095 (0.088)	0.042 (0.065)	-0.010 (0.085)	-0.016 (0.092)
Autumn (September-November)	0.000 (0.058)	0.035 (0.078)	0.033 (0.080)	-0.012 (0.013)	-0.019 (0.018)	-0.015 (0.018)	-0.051 (0.063)	-0.022 (0.080)	-0.037 (0.086)	0.071 (0.061)	0.023 (0.082)	0.003 (0.083)
Number of Weekend Days												
0	-0.115 (0.195)	-0.217 (0.218)	-0.185 (0.257)	-0.005 (0.033)	-0.042 (0.046)	-0.006 (0.051)	0.239 (0.201)	0.189 (0.159)	0.183 (0.172)	0.119 (0.168)	0.262 (0.182)	0.322 (0.199)
1	-0.053 (0.085)	-0.011 (0.114)	-0.059 (0.128)	-0.012 (0.029)	-0.021 (0.041)	-0.036 (0.044)	-0.149 (0.128)	-0.167 (0.143)	-0.222 (0.142)	0.178 (0.117)	0.129 (0.122)	0.004 (0.128)
2 (ref.)												
Family Controls												
Household size	0.014 (0.016)	0.023 (0.019)	0.016 (0.022)	0.001 (0.004)	0.006 (0.005)	0.004 (0.005)	-0.013 (0.016)	-0.034+ (0.020)	-0.032 (0.021)	-0.028* (0.014)	-0.026 (0.018)	-0.025 (0.020)
Parent male	0.051 (0.061)	0.027 (0.088)	0.048 (0.095)	0.009 (0.013)	0.002 (0.019)	-0.008 (0.020)	-0.006 (0.066)	0.028 (0.079)	-0.007 (0.090)	0.073 (0.080)	0.041 (0.101)	-0.033 (0.092)
Parent age	0.001 (0.003)	0.002 (0.004)	0.003 (0.004)	0.001 (0.001)	0.002 (0.001)	0.001 (0.001)	0.002 (0.003)	0.005 (0.004)	0.004 (0.004)	-0.001 (0.003)	0.000 (0.004)	-0.001 (0.004)
Household income												
Under \$30,000 (ref.)												
\$30,001 - \$60,000	-0.055	-0.061	-0.062	0.010	0.005	0.023	-0.027	0.030	0.071	-0.066	-0.061	-0.045

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	(0.070)	(0.079)	(0.089)	(0.012)	(0.016)	(0.017)	(0.062)	(0.077)	(0.086)	(0.060)	(0.083)	(0.083)
\$60,000 - \$150,000+	-0.142+	-0.124	-0.040	-0.004	0.001	0.028	0.083	0.150+	0.094	-0.128	-0.013	0.020
	(0.081)	(0.096)	(0.107)	(0.015)	(0.020)	(0.023)	(0.069)	(0.081)	(0.083)	(0.080)	(0.105)	(0.110)
Parent education												
<High school (ref.)												
High school	-0.061	0.125	0.109	-0.017	0.038	0.032	-0.008	-0.075	-0.109	0.029	0.025	0.012
	(0.137)	(0.148)	(0.147)	(0.028)	(0.032)	(0.033)	(0.088)	(0.103)	(0.110)	(0.105)	(0.147)	(0.155)
Some college	-0.297*	-0.081	-0.007	-0.013	0.049	0.049	0.083	0.057	-0.044	-0.088	-0.094	-0.089
	(0.129)	(0.151)	(0.147)	(0.027)	(0.033)	(0.034)	(0.095)	(0.116)	(0.117)	(0.102)	(0.141)	(0.155)
College degree	-0.381*	-0.059	0.013	-0.030	0.034	0.020	0.153	0.040	-0.069	-0.188	-0.190	-0.161
	(0.152)	(0.183)	(0.196)	(0.032)	(0.041)	(0.044)	(0.105)	(0.133)	(0.139)	(0.123)	(0.174)	(0.177)
Graduate degree	-0.417**	-0.210	-0.132	-0.032	0.031	0.011	0.204+	0.155	0.026	-0.082	-0.081	-0.060
	(0.154)	(0.184)	(0.193)	(0.031)	(0.038)	(0.042)	(0.114)	(0.147)	(0.152)	(0.127)	(0.173)	(0.183)
Parent marital status												
Married (ref.)												
Cohabiting	0.008	0.063	0.069	0.021	0.039	0.031	-0.069	-0.056	-0.120	0.051	0.132	0.158
	(0.094)	(0.114)	(0.120)	(0.022)	(0.028)	(0.028)	(0.080)	(0.100)	(0.116)	(0.089)	(0.107)	(0.115)
Single	0.096	0.219+	0.176	0.040*	0.054*	0.038	-0.052	-0.022	-0.004	-0.062	0.065	0.084
	(0.089)	(0.114)	(0.114)	(0.019)	(0.027)	(0.027)	(0.081)	(0.099)	(0.105)	(0.068)	(0.089)	(0.093)
Other	0.022	0.005	0.009	0.007	0.010	0.022	-0.112+	-0.057	-0.045	0.017	0.123	0.076
	(0.061)	(0.081)	(0.080)	(0.014)	(0.018)	(0.019)	(0.067)	(0.089)	(0.090)	(0.075)	(0.086)	(0.084)
Residence owned (vs. rented)	-0.064	0.018	-0.016	-0.031*	-0.025	-0.033	0.104+	0.065	0.052	-0.084	-0.037	-0.132+
	(0.069)	(0.082)	(0.087)	(0.015)	(0.019)	(0.021)	(0.060)	(0.080)	(0.082)	(0.061)	(0.078)	(0.077)
Years lived in current neighborhood	0.002	0.003	0.004	0.001	0.000	0.000	-0.002	-0.004	-0.005	0.001	0.001	0.003
	(0.002)	(0.004)	(0.004)	(0.001)	(0.001)	(0.001)	(0.002)	(0.003)	(0.004)	(0.002)	(0.003)	(0.004)
Moved in the past two years	0.026	0.090	0.128	0.022	0.023	0.025	-0.063	-0.137+	-0.119	0.006	-0.030	-0.001
	(0.072)	(0.097)	(0.097)	(0.014)	(0.020)	(0.020)	(0.060)	(0.074)	(0.087)	(0.070)	(0.091)	(0.094)
Foreign born	-0.064	-0.012	0.102	-0.023	-0.040	-0.024	-0.007	-0.037	-0.178	-0.019	-0.172	-0.183
	(0.088)	(0.134)	(0.121)	(0.029)	(0.052)	(0.049)	(0.095)	(0.131)	(0.119)	(0.139)	(0.194)	(0.259)
Age	-0.023+	-0.025	-0.027	-0.004+	-0.003	-0.002	-0.001	-0.011	0.002	0.035**	0.009	0.015
	(0.012)	(0.017)	(0.017)	(0.003)	(0.004)	(0.004)	(0.013)	(0.016)	(0.016)	(0.012)	(0.015)	(0.014)
Male	-0.003	-0.022	0.000	-0.007	-0.008	-0.003	-0.004	-0.018	-0.054	-0.008	0.021	0.007
	(0.043)	(0.058)	(0.056)	(0.009)	(0.014)	(0.015)	(0.044)	(0.062)	(0.060)	(0.048)	(0.063)	(0.063)
Respondent Black (vs. white)	0.310***	0.250**	0.218**	0.111***	0.107***	0.107***	-0.323***	-0.364***	-0.336***	0.262***	0.244**	0.188*
	(0.064)	(0.077)	(0.079)	(0.015)	(0.017)	(0.016)	(0.063)	(0.076)	(0.082)	(0.062)	(0.073)	(0.076)

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Neighborhood-level measures												
Tract concentrated disadvantage	0.406***	0.491***		0.003	-0.017		-0.069	-0.047		0.140*	0.165*	
	(0.037)	(0.057)		(0.009)	(0.014)		(0.043)	(0.099)		(0.062)	(0.077)	
Tract proportion Black				0.402***	0.443***							
				(0.034)	(0.041)							
Tract collective efficacy							0.396***	0.380***				
							(0.045)	(0.075)				
ln(Tract Violent crime rate)										0.576***	0.658***	
										(0.061)	(0.056)	
Constant	0.612	0.602	0.444	0.108	-0.186	0.248	-0.156	-0.140	-0.001	-0.454	-0.423	1.295
	(0.445)	(0.619)	(0.796)	(0.102)	(0.131)	(0.168)	(0.364)	(0.521)	(0.766)	(0.465)	(0.632)	(0.885)
Fixed Effects			✓			✓			✓			✓
N: Neighborhood-level	178	89	89	178	89	89	178	89	89	178	89	89
N: Individual-level	1159	663	663	1159	663	663	1159	663	663	1159	663	663

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

Full Tables for Interaction Models Presented in Table 3: Non-Home Exposures Excluding School Time

Appendix Table 11. Linear regression models for non-home exposure to concentrated disadvantage with cluster robust standard errors and interactions, excluding school-time.

	Concentrated Disadvantage						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.034 (0.034)	-0.032 (0.040)	-0.034 (0.079)	-0.033 (0.039)	-0.033 (0.078)	-0.035 (0.039)	-0.033 (0.077)
Total non-home time (minutes)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.127* (0.064)	0.125* (0.063)	0.016 (0.086)	0.126* (0.063)	0.016 (0.086)	0.125* (0.063)	0.011 (0.085)
Summer (June-August)	0.005 (0.060)	0.008 (0.064)	0.001 (0.084)	0.008 (0.064)	0.002 (0.084)	0.009 (0.064)	0.002 (0.084)
Autumn (September-November)	0.006 (0.062)	-0.000 (0.058)	0.033 (0.080)	0.000 (0.058)	0.033 (0.080)	0.002 (0.058)	0.036 (0.080)
Number of Weekend Days							
0	-0.096 (0.161)	-0.115 (0.196)	-0.186 (0.257)	-0.113 (0.195)	-0.180 (0.261)	-0.122 (0.195)	-0.196 (0.252)
1	-0.057 (0.121)	-0.054 (0.084)	-0.060 (0.128)	-0.055 (0.084)	-0.059 (0.127)	-0.052 (0.084)	-0.059 (0.128)
2 (ref.)							
Family Controls							
Household size	0.016 (0.015)	0.014 (0.016)	0.016 (0.022)	0.014 (0.016)	0.016 (0.022)	0.014 (0.016)	0.016 (0.022)
Parent male	0.048 (0.067)	0.051 (0.061)	0.048 (0.095)	0.052 (0.061)	0.049 (0.095)	0.050 (0.061)	0.049 (0.095)
Parent age	0.002 (0.003)	0.001 (0.003)	0.003 (0.004)	0.001 (0.003)	0.003 (0.004)	0.001 (0.003)	0.003 (0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.072 (0.065)	-0.056 (0.069)	-0.062 (0.089)	-0.052 (0.070)	-0.061 (0.090)	-0.054 (0.069)	-0.061 (0.089)
\$60,000 - \$150,000+	-0.120 (0.076)	-0.142+ (0.081)	-0.040 (0.107)	-0.141+ (0.080)	-0.038 (0.108)	-0.145+ (0.081)	-0.042 (0.107)
Parent education							
<High school (ref.)							
High school	-0.055 (0.110)	-0.060 (0.137)	0.108 (0.147)	-0.059 (0.138)	0.109 (0.148)	-0.061 (0.136)	0.102 (0.148)
Some college	-0.280** (0.104)	-0.296* (0.129)	-0.007 (0.148)	-0.297* (0.129)	-0.008 (0.147)	-0.297* (0.128)	-0.012 (0.149)
College degree	-0.341** (0.117)	-0.381* (0.152)	0.013 (0.196)	-0.380* (0.152)	0.014 (0.196)	-0.383* (0.151)	0.003 (0.197)
Graduate degree	-0.366** (0.124)	-0.417** (0.154)	-0.133 (0.193)	-0.417** (0.154)	-0.133 (0.193)	-0.418** (0.153)	-0.136 (0.194)
Parent marital status							
Married (ref.)							
Cohabiting	-0.001 (0.085)	0.007 (0.093)	0.070 (0.122)	0.010 (0.093)	0.070 (0.121)	0.013 (0.093)	0.080 (0.122)
Single	0.100 (0.075)	0.095 (0.089)	0.177 (0.114)	0.094 (0.089)	0.173 (0.114)	0.100 (0.089)	0.181 (0.114)
Other	0.025 (0.075)	0.022 (0.089)	0.010 (0.114)	0.023 (0.089)	0.008 (0.114)	0.025 (0.089)	0.014 (0.114)

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	(0.070)	(0.061)	(0.081)	(0.061)	(0.080)	(0.060)	(0.080)
Residence owned (vs. rented)	-0.075	-0.064	-0.015	-0.066	-0.019	-0.061	-0.013
	(0.066)	(0.069)	(0.086)	(0.068)	(0.086)	(0.069)	(0.087)
Years lived in current neighborhood	0.002	0.002	0.004	0.002	0.004	0.001	0.003
	(0.002)	(0.002)	(0.004)	(0.002)	(0.004)	(0.002)	(0.004)
Moved in the past two years	0.024	0.026	0.128	0.026	0.129	-0.055	0.025
	(0.064)	(0.072)	(0.097)	(0.072)	(0.098)	(0.089)	(0.132)
Foreign born	-0.048	-0.066	0.104	-0.069	0.101	-0.058	0.117
	(0.153)	(0.088)	(0.122)	(0.088)	(0.121)	(0.089)	(0.124)
Age	-0.023+	-0.023+	-0.027	-0.017	-0.022	-0.024+	-0.028
	(0.012)	(0.012)	(0.017)	(0.015)	(0.022)	(0.012)	(0.017)
Male	-0.008	0.010	-0.009	-0.003	0.000	-0.003	0.003
	(0.043)	(0.055)	(0.077)	(0.043)	(0.056)	(0.043)	(0.056)
Respondent Black (vs. white)	0.331***	0.323***	0.209*	0.513	0.370	0.288***	0.187*
	(0.063)	(0.073)	(0.091)	(0.370)	(0.564)	(0.068)	(0.087)
Neighborhood-level measures							
Tract concentrated disadvantage	0.514***	0.406***		0.406***		0.407***	
	(0.049)	(0.037)		(0.037)		(0.037)	
Tract proportion Black							
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	-0.150*						
	(0.059)						
Black * Male		-0.026	0.019				
		(0.088)	(0.111)				
Black * Age				-0.014	-0.011		
				(0.024)	(0.038)		
Black * Moved						0.128	0.169
						(0.117)	(0.174)
Constant	0.577	0.601	0.452	0.512	0.374	0.636	0.466
	(0.377)	(0.453)	(0.800)	(0.467)	(0.785)	(0.445)	(0.789)
Fixed Effects			✓		✓		✓
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1159	1159	663	1159	663	1159	663

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 12. Linear regression models for non-home exposure to proportion Black with cluster robust standard errors and interactions, excluding school-time.

	Proportion Black						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.000 (0.008)	0.005 (0.009)	-0.007 (0.016)	0.004 (0.009)	-0.008 (0.016)	0.004 (0.009)	-0.008 (0.016)
Total non-home time (minutes)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)	-0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.013 (0.013)	0.012 (0.014)	0.005 (0.022)	0.013 (0.014)	0.004 (0.022)	0.012 (0.014)	0.004 (0.023)
Summer (June-August)	-0.000 (0.013)	-0.002 (0.012)	-0.005 (0.018)	-0.002 (0.012)	-0.005 (0.018)	-0.002 (0.012)	-0.005 (0.018)
Autumn (September-November)	-0.010 (0.013)	-0.013 (0.013)	-0.015 (0.018)	-0.012 (0.013)	-0.016 (0.018)	-0.012 (0.013)	-0.015 (0.018)
Number of Weekend Days							
0	-0.008 (0.034)	-0.004 (0.034)	-0.006 (0.052)	-0.004 (0.033)	-0.001 (0.051)	-0.007 (0.034)	-0.007 (0.051)
1	-0.020 (0.025)	-0.012 (0.029)	-0.036 (0.044)	-0.013 (0.029)	-0.036 (0.044)	-0.012 (0.029)	-0.036 (0.044)
2 (ref.)							
Family Controls							
Household size	0.002 (0.003)	0.001 (0.004)	0.004 (0.005)	0.001 (0.004)	0.004 (0.005)	0.001 (0.004)	0.004 (0.005)
Parent male	0.008 (0.014)	0.009 (0.013)	-0.007 (0.019)	0.010 (0.013)	-0.008 (0.020)	0.009 (0.013)	-0.008 (0.020)
Parent age	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	0.011 (0.013)	0.009 (0.012)	0.023 (0.017)	0.011 (0.012)	0.025 (0.017)	0.010 (0.012)	0.023 (0.017)
\$60,000 - \$150,000+	0.001 (0.015)	-0.005 (0.015)	0.028 (0.022)	-0.004 (0.015)	0.030 (0.022)	-0.005 (0.015)	0.028 (0.023)
Parent education							
<High school (ref.)							
High school	-0.009 (0.023)	-0.016 (0.028)	0.033 (0.033)	-0.015 (0.028)	0.033 (0.034)	-0.017 (0.027)	0.032 (0.033)
Some college	-0.002 (0.022)	-0.012 (0.027)	0.049 (0.034)	-0.013 (0.027)	0.048 (0.033)	-0.013 (0.027)	0.049 (0.034)
College degree	-0.023 (0.025)	-0.029 (0.032)	0.020 (0.044)	-0.029 (0.032)	0.020 (0.044)	-0.030 (0.032)	0.019 (0.044)
Graduate degree	-0.027 (0.026)	-0.031 (0.031)	0.013 (0.043)	-0.031 (0.031)	0.011 (0.043)	-0.032 (0.031)	0.011 (0.043)
Parent marital status							
Married (ref.)							
Cohabiting	0.019 (0.018)	0.019 (0.022)	0.029 (0.028)	0.022 (0.022)	0.032 (0.027)	0.022 (0.022)	0.032 (0.029)
Single	0.041** (0.016)	0.040* (0.019)	0.037 (0.027)	0.039* (0.020)	0.035 (0.027)	0.041* (0.019)	0.039 (0.027)
Other	0.014 (0.015)	0.007 (0.014)	0.021 (0.020)	0.008 (0.014)	0.021 (0.020)	0.008 (0.014)	0.022 (0.019)
Residence owned (vs. rented)	-0.033* (0.014)	-0.031* (0.015)	-0.034 (0.021)	-0.032* (0.015)	-0.035+ (0.021)	-0.030* (0.015)	-0.033 (0.021)
Years lived in current neighborhood	0.001+ (0.001)	0.001 (0.001)	0.000 (0.000)	0.001 (0.001)	0.000 (0.000)	0.001 (0.001)	0.000 (0.000)

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	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Moved in the past two years	0.026+	0.022	0.024	0.022	0.026	0.006	0.015
	(0.014)	(0.014)	(0.020)	(0.014)	(0.020)	(0.022)	(0.033)
Foreign born	-0.021	-0.024	-0.027	-0.026	-0.025	-0.022	-0.023
	(0.032)	(0.028)	(0.048)	(0.029)	(0.050)	(0.029)	(0.049)
Age	-0.003	-0.004+	-0.002	0.001	0.003	-0.005+	-0.002
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.003)	(0.004)
Male	-0.006	0.006	0.010	-0.007	-0.003	-0.007	-0.003
	(0.009)	(0.012)	(0.015)	(0.009)	(0.014)	(0.009)	(0.015)
Respondent Black (vs. white)	0.108***	0.124***	0.119***	0.262***	0.253*	0.106***	0.104***
	(0.015)	(0.017)	(0.017)	(0.075)	(0.119)	(0.016)	(0.018)
Neighborhood-level measures							
Tract concentrated disadvantage	0.004	0.002		0.003		0.003	
	(0.013)	(0.009)		(0.009)		(0.009)	
Tract proportion Black	0.412***	0.401***		0.402***		0.403***	
	(0.035)	(0.034)		(0.034)		(0.034)	
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	-0.001						
	(0.014)						
Black * Male		-0.028	-0.026				
		(0.020)	(0.025)				
Black * Age				-0.011*	-0.010		
				(0.005)	(0.008)		
Black * Moved						0.026	0.015
						(0.027)	(0.041)
Constant	0.109	0.097	0.237	0.034	0.181	0.113	0.250
	(0.083)	(0.102)	(0.170)	(0.101)	(0.174)	(0.101)	(0.167)
Fixed Effects							
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1159	1159	663	1159	663	1159	663

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 13. Linear regression models for non-home exposure to collective efficacy with cluster robust standard errors and interactions, excluding school-time.

	Collective Efficacy						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	0.020 (0.034)	0.019 (0.036)	0.013 (0.082)	0.019 (0.036)	0.012 (0.082)	0.021 (0.036)	0.013 (0.082)
Total non-home time (minutes)	0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	-0.054 (0.063)	-0.052 (0.057)	-0.003 (0.079)	-0.052 (0.058)	-0.004 (0.080)	-0.052 (0.057)	-0.005 (0.080)
Summer (June-August)	0.009 (0.060)	0.014 (0.066)	-0.095 (0.088)	0.014 (0.067)	-0.093 (0.088)	0.013 (0.067)	-0.095 (0.088)
Autumn (September-November)	-0.054 (0.061)	-0.051 (0.063)	-0.037 (0.086)	-0.051 (0.063)	-0.038 (0.086)	-0.053 (0.063)	-0.035 (0.086)
Number of Weekend Days							
0	0.234 (0.160)	0.239 (0.201)	0.183 (0.172)	0.236 (0.200)	0.195 (0.175)	0.245 (0.200)	0.178 (0.174)
1	-0.158 (0.120)	-0.149 (0.128)	-0.222 (0.142)	-0.146 (0.128)	-0.222 (0.141)	-0.150 (0.128)	-0.222 (0.142)
2 (ref.)							
Family Controls							
Household size	-0.015 (0.014)	-0.013 (0.016)	-0.032 (0.021)	-0.013 (0.016)	-0.032 (0.021)	-0.013 (0.016)	-0.032 (0.021)
Parent male	-0.004 (0.068)	-0.006 (0.066)	-0.006 (0.091)	-0.007 (0.066)	-0.005 (0.090)	-0.005 (0.066)	-0.006 (0.090)
Parent age	0.002 (0.003)	0.002 (0.003)	0.004 (0.004)	0.002 (0.003)	0.004 (0.004)	0.002 (0.003)	0.005 (0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.010 (0.065)	-0.027 (0.062)	0.071 (0.086)	-0.030 (0.063)	0.074 (0.086)	-0.027 (0.063)	0.071 (0.086)
\$60,000 - \$150,000+	0.073 (0.080)	0.083 (0.069)	0.094 (0.083)	0.082 (0.069)	0.098 (0.083)	0.086 (0.070)	0.093 (0.083)
Parent education							
<High school (ref.)							
High school	-0.016 (0.110)	-0.007 (0.089)	-0.109 (0.109)	-0.010 (0.089)	-0.108 (0.110)	-0.008 (0.089)	-0.112 (0.108)
Some college	0.065 (0.103)	0.083 (0.095)	-0.044 (0.117)	0.083 (0.095)	-0.047 (0.117)	0.084 (0.096)	-0.047 (0.117)
College degree	0.122 (0.117)	0.153 (0.105)	-0.069 (0.139)	0.151 (0.105)	-0.068 (0.139)	0.154 (0.106)	-0.074 (0.138)
Graduate degree	0.168 (0.124)	0.205+ (0.114)	0.026 (0.152)	0.204+ (0.114)	0.026 (0.152)	0.205+ (0.114)	0.024 (0.152)
Parent marital status							
Married (ref.)							
Cohabiting	-0.066 (0.082)	-0.070 (0.081)	-0.121 (0.117)	-0.072 (0.080)	-0.118 (0.116)	-0.074 (0.079)	-0.115 (0.117)
Single	-0.059 (0.073)	-0.052 (0.081)	-0.004 (0.106)	-0.050 (0.081)	-0.011 (0.107)	-0.057 (0.081)	-0.001 (0.106)
Other	-0.111 (0.069)	-0.112+ (0.067)	-0.045 (0.089)	-0.112+ (0.067)	-0.046 (0.090)	-0.114+ (0.067)	-0.042 (0.090)
Residence owned (vs. rented)	0.113+ (0.065)	0.104+ (0.060)	0.052 (0.082)	0.106+ (0.060)	0.046 (0.082)	0.101+ (0.060)	0.053 (0.082)
Years lived in current neighborhood	-0.002	-0.002	-0.005	-0.002	-0.005	-0.002	-0.005

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	(0.002)	(0.002)	(0.003)	(0.002)	(0.004)	(0.002)	(0.004)
Moved in the past two years	-0.063	-0.063	-0.119	-0.063	-0.117	0.016	-0.166
	(0.063)	(0.060)	(0.087)	(0.060)	(0.086)	(0.096)	(0.123)
Foreign born	-0.032	-0.008	-0.178	-0.002	-0.180	-0.014	-0.171
	(0.153)	(0.095)	(0.123)	(0.095)	(0.117)	(0.098)	(0.121)
Age	-0.001	-0.001	0.002	-0.009	0.013	-0.001	0.001
	(0.012)	(0.013)	(0.016)	(0.016)	(0.018)	(0.013)	(0.016)
Male	-0.007	0.002	-0.053	-0.004	-0.054	-0.004	-0.053
	(0.043)	(0.066)	(0.083)	(0.044)	(0.061)	(0.044)	(0.060)
Respondent Black (vs. white)	-0.341***	-0.317***	-0.334***	-0.566+	-0.009	-0.302***	-0.349***
	(0.062)	(0.077)	(0.096)	(0.326)	(0.410)	(0.068)	(0.093)
Neighborhood-level measures							
Tract concentrated disadvantage	-0.145*	-0.070		-0.069		-0.070	
	(0.065)	(0.044)		(0.043)		(0.044)	
Tract proportion Black							
Tract collective efficacy	0.376***	0.396***		0.396***		0.396***	
	(0.046)	(0.046)		(0.045)		(0.045)	
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	0.092						
	(0.061)						
Black * Male		-0.013	-0.002				
		(0.089)	(0.120)				
Black * Age				0.017	-0.023		
				(0.022)	(0.028)		
Black * Moved						-0.126	0.076
						(0.123)	(0.162)
Constant	-0.113	-0.162	-0.002	-0.038	-0.151	-0.180	0.009
	(0.376)	(0.371)	(0.770)	(0.402)	(0.770)	(0.366)	(0.764)
Fixed Effects			✓		✓		✓
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1159	1159	663	1159	663	1159	663

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 14. Linear regression models for non-home exposure to violent crime with cluster robust standard errors and interactions, excluding school-time.

	ln(Violent Crime)						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.097*	-0.097*	-0.096	-0.096*	-0.090	-0.095*	-0.091
	(0.038)	(0.045)	(0.090)	(0.044)	(0.090)	(0.044)	(0.089)
Total non-home time (minutes)	0.000***	0.000***	0.000+	0.000**	0.000+	0.000***	0.000+
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.058	0.068	-0.035	0.069	-0.032	0.068	-0.025
	(0.065)	(0.061)	(0.082)	(0.061)	(0.082)	(0.061)	(0.082)
Summer (June-August)	0.024	0.042	-0.017	0.042	-0.016	0.042	-0.017
	(0.062)	(0.065)	(0.092)	(0.065)	(0.092)	(0.065)	(0.092)
Autumn (September-November)	0.058	0.072	0.003	0.071	0.003	0.071	-0.000
	(0.063)	(0.061)	(0.083)	(0.061)	(0.083)	(0.061)	(0.082)
Number of Weekend Days							
0	0.130	0.117	0.321	0.120	0.323	0.121	0.336
	(0.163)	(0.169)	(0.209)	(0.169)	(0.201)	(0.168)	(0.203)
1	0.153	0.178	0.004	0.177	0.004	0.178	0.003
	(0.123)	(0.117)	(0.130)	(0.117)	(0.128)	(0.117)	(0.132)
2 (ref.)							
Family Controls							
Household size	-0.028+	-0.028*	-0.025	-0.028*	-0.025	-0.028*	-0.024
	(0.015)	(0.014)	(0.019)	(0.014)	(0.020)	(0.014)	(0.020)
Parent male	0.053	0.073	-0.038	0.074	-0.033	0.073	-0.033
	(0.069)	(0.079)	(0.092)	(0.080)	(0.092)	(0.079)	(0.091)
Parent age	-0.001	-0.001	-0.000	-0.001	-0.001	-0.001	-0.001
	(0.003)	(0.003)	(0.004)	(0.003)	(0.004)	(0.003)	(0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.056	-0.065	-0.042	-0.064	-0.045	-0.066	-0.046
	(0.064)	(0.060)	(0.083)	(0.061)	(0.084)	(0.060)	(0.083)
\$60,000 - \$150,000+	-0.095	-0.128	0.021	-0.127	0.020	-0.127	0.022
	(0.078)	(0.080)	(0.110)	(0.080)	(0.110)	(0.081)	(0.110)
Parent education							
<High school (ref.)							
High school	0.038	0.027	0.009	0.030	0.012	0.029	0.020
	(0.110)	(0.105)	(0.156)	(0.106)	(0.156)	(0.105)	(0.155)
Some college	-0.077	-0.089	-0.090	-0.088	-0.089	-0.088	-0.081
	(0.104)	(0.103)	(0.156)	(0.103)	(0.156)	(0.103)	(0.155)
College degree	-0.155	-0.188	-0.163	-0.187	-0.160	-0.188	-0.147
	(0.118)	(0.124)	(0.177)	(0.124)	(0.177)	(0.123)	(0.176)
Graduate degree	-0.059	-0.083	-0.068	-0.081	-0.060	-0.082	-0.055
	(0.124)	(0.127)	(0.181)	(0.127)	(0.183)	(0.127)	(0.183)
Parent marital status							
Married (ref.)							
Cohabiting	0.052	0.052	0.168	0.052	0.158	0.049	0.143
	(0.085)	(0.089)	(0.116)	(0.088)	(0.115)	(0.089)	(0.114)
Single	-0.054	-0.061	0.090	-0.063	0.084	-0.064	0.077
	(0.076)	(0.068)	(0.094)	(0.068)	(0.094)	(0.068)	(0.093)
Other	-0.012	0.018	0.080	0.018	0.076	0.016	0.070
	(0.071)	(0.075)	(0.086)	(0.075)	(0.085)	(0.075)	(0.082)
Residence owned (vs. rented)	-0.104	-0.084	-0.126	-0.085	-0.132+	-0.086	-0.135+
	(0.066)	(0.061)	(0.077)	(0.061)	(0.079)	(0.061)	(0.076)
Years lived in current neighborhood	0.001	0.001	0.003	0.001	0.003	0.001	0.003

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	(0.003)	(0.002)	(0.004)	(0.002)	(0.004)	(0.002)	(0.004)
Moved in the past two years	0.014	0.006	0.001	0.006	-0.001	0.035	0.134
	(0.065)	(0.070)	(0.093)	(0.070)	(0.094)	(0.128)	(0.175)
Foreign born	-0.064	-0.018	-0.166	-0.022	-0.183	-0.022	-0.203
	(0.156)	(0.139)	(0.267)	(0.138)	(0.259)	(0.140)	(0.260)
Age	0.036**	0.035**	0.016	0.040*	0.016	0.035**	0.017
	(0.012)	(0.012)	(0.014)	(0.018)	(0.021)	(0.012)	(0.015)
Male	-0.012	-0.023	-0.067	-0.008	0.007	-0.008	0.004
	(0.044)	(0.070)	(0.091)	(0.048)	(0.062)	(0.048)	(0.062)
Respondent Black (vs. white)	0.242***	0.247**	0.116	0.420	0.203	0.270***	0.228**
	(0.066)	(0.075)	(0.086)	(0.301)	(0.403)	(0.066)	(0.084)
Neighborhood-level measures							
Tract concentrated disadvantage	0.131+	0.141*		0.140*		0.140*	
	(0.076)	(0.062)		(0.062)		(0.062)	
Tract proportion Black							
Tract collective efficacy							
ln(Tract Violent crime rate)	0.586***	0.577***		0.577***		0.576***	
	(0.040)	(0.062)		(0.061)		(0.062)	
Interaction terms							
Black * Tract Disadvantage	-0.012						
	(0.069)						
Black * Male		0.032	0.148				
		(0.085)	(0.099)				
Black * Age				-0.011	-0.001		
				(0.021)	(0.029)		
Black * Moved						-0.045	-0.221
						(0.142)	(0.192)
Constant	-0.448	-0.441	1.359	-0.532	1.287	-0.462	1.265
	(0.407)	(0.470)	(0.888)	(0.492)	(0.922)	(0.465)	(0.870)
Fixed Effects							
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1159	1159	663	1159	663	1159	663

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

Full Tables for Models Presented in Table 2: Non-Home Exposure to Census Tract Features

Appendix Table 15. Linear regression models for non-home exposures based on census tracts with cluster robust standard errors.

	Concentrated Disadvantage			Proportion Black			Collective Efficacy		
	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3	Model 1	Model 2	Model 3
ln(Block group population density)	-0.046 (0.037)	-0.107* (0.053)	-0.018 (0.070)	0.002 (0.008)	0.005 (0.011)	-0.025+ (0.013)	0.026 (0.034)	0.041 (0.051)	-0.060 (0.052)
Total non-home time (minutes)	-0.000* (0.000)	-0.000* (0.000)	-0.000+ (0.000)	0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000+ (0.000)	0.000 (0.000)	0.000 (0.000)
Season									
Winter (December-February) (ref.)									
Spring (March-May)	0.133* (0.057)	0.058 (0.067)	0.115 (0.071)	0.023+ (0.014)	0.019 (0.018)	0.023 (0.017)	-0.064 (0.051)	-0.013 (0.067)	-0.053 (0.061)
Summer (June-August)	0.117+ (0.067)	0.122 (0.085)	0.169+ (0.086)	0.018 (0.012)	0.018 (0.016)	0.027 (0.016)	-0.098+ (0.056)	-0.113 (0.072)	-0.168* (0.078)
Autumn (September-November)	0.054 (0.063)	0.124 (0.081)	0.175* (0.081)	-0.005 (0.014)	-0.003 (0.018)	0.013 (0.019)	-0.052 (0.053)	-0.101 (0.069)	-0.149* (0.074)
Number of Weekend Days									
0	-0.135 (0.196)	-0.122 (0.209)	-0.099 (0.212)	0.022 (0.036)	-0.016 (0.042)	0.025 (0.048)	0.004 (0.168)	-0.124 (0.169)	-0.007 (0.148)
1	-0.002 (0.103)	0.044 (0.141)	0.052 (0.123)	0.015 (0.024)	0.016 (0.033)	0.013 (0.039)	-0.059 (0.124)	-0.042 (0.144)	-0.124 (0.114)
2 (ref.)									
Family Controls									
Household size	0.018 (0.017)	0.041* (0.017)	0.035+ (0.018)	0.001 (0.004)	0.007 (0.005)	0.006 (0.005)	-0.023 (0.015)	-0.052** (0.016)	-0.056** (0.018)
Parent male	0.019 (0.057)	-0.033 (0.082)	0.001 (0.085)	-0.010 (0.012)	-0.032* (0.016)	-0.033* (0.016)	0.043 (0.052)	0.090 (0.073)	0.074 (0.075)
Parent age	-0.001 (0.003)	-0.002 (0.004)	-0.001 (0.004)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.004 (0.003)	0.006 (0.003)	0.005 (0.003)
Household income									
Under \$30,000 (ref.)									
\$30,001 - \$60,000	-0.111	-0.150+	-0.153+	-0.013	-0.026	-0.026	-0.002	0.070	0.104

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	(0.073)	(0.090)	(0.089)	(0.017)	(0.018)	(0.018)	(0.064)	(0.073)	(0.072)
\$60,000 - \$150,000+	-0.216**	-0.165+	-0.107	-0.027	-0.019	-0.006	0.133*	0.128+	0.090
	(0.078)	(0.088)	(0.093)	(0.018)	(0.021)	(0.022)	(0.066)	(0.072)	(0.069)
Parent education									
<High school (ref.)									
High school	0.001	0.073	0.057	-0.020	0.025	0.035	0.081	0.086	0.086
	(0.107)	(0.130)	(0.126)	(0.024)	(0.028)	(0.029)	(0.079)	(0.102)	(0.101)
Some college	-0.135	-0.027	0.061	-0.018	0.027	0.040	0.175*	0.176	0.112
	(0.112)	(0.149)	(0.151)	(0.025)	(0.031)	(0.033)	(0.080)	(0.107)	(0.108)
College degree	-0.260+	-0.073	0.099	-0.034	0.021	0.041	0.342***	0.250+	0.125
	(0.132)	(0.179)	(0.179)	(0.029)	(0.037)	(0.038)	(0.101)	(0.136)	(0.133)
Graduate degree	-0.271*	-0.115	0.050	-0.023	0.038	0.052	0.284**	0.163	0.004
	(0.133)	(0.178)	(0.180)	(0.028)	(0.035)	(0.039)	(0.100)	(0.131)	(0.124)
Parent marital status									
Married (ref.)									
Cohabiting	0.001	0.010	0.012	-0.005	-0.001	-0.012	-0.067	-0.073	-0.062
	(0.088)	(0.104)	(0.104)	(0.020)	(0.023)	(0.023)	(0.079)	(0.094)	(0.101)
Single	0.057	0.127	0.071	0.031	0.041	0.014	-0.098	-0.150+	-0.056
	(0.089)	(0.110)	(0.113)	(0.019)	(0.027)	(0.028)	(0.068)	(0.089)	(0.087)
Other	0.018	0.036	0.052	-0.002	-0.001	-0.006	-0.185**	-0.217*	-0.198*
	(0.069)	(0.095)	(0.091)	(0.015)	(0.020)	(0.022)	(0.065)	(0.092)	(0.092)
Residence owned (vs. rented)	-0.067	-0.044	-0.123	-0.033*	-0.022	-0.038*	-0.007	-0.051	0.026
	(0.066)	(0.083)	(0.081)	(0.014)	(0.018)	(0.019)	(0.062)	(0.077)	(0.070)
Years lived in current neighborhood	0.002	0.002	0.005	0.001*	0.001	0.001*	-0.000	0.003	-0.001
	(0.002)	(0.003)	(0.003)	(0.001)	(0.001)	(0.001)	(0.002)	(0.003)	(0.003)
Moved in the past two years	0.079	0.107	0.141+	0.025+	0.034+	0.039*	-0.081	-0.112	-0.117
	(0.068)	(0.085)	(0.083)	(0.013)	(0.017)	(0.018)	(0.057)	(0.068)	(0.072)
Foreign born	-0.166	-0.250	-0.084	-0.069*	-0.107+	-0.072	-0.054	0.028	-0.208
	(0.131)	(0.239)	(0.233)	(0.028)	(0.058)	(0.058)	(0.139)	(0.192)	(0.167)
Age	-0.006	0.012	-0.000	-0.000	0.003	0.003	0.009	-0.009	0.004
	(0.012)	(0.016)	(0.015)	(0.003)	(0.004)	(0.003)	(0.011)	(0.011)	(0.011)
Male	-0.081+	-0.129*	-0.127*	-0.014	-0.022+	-0.024*	0.082*	0.125*	0.063
	(0.043)	(0.061)	(0.057)	(0.009)	(0.013)	(0.012)	(0.040)	(0.054)	(0.049)
Respondent Black (vs. white)	0.242***	0.205**	0.182*	0.089***	0.089***	0.088***	-0.186**	-0.157*	-0.135*
	(0.064)	(0.073)	(0.080)	(0.015)	(0.017)	(0.017)	(0.060)	(0.066)	(0.062)

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Neighborhood-level measures									
Tract concentrated disadvantage	0.430***	0.511***		0.015	-0.005		-0.066	-0.050	
	(0.040)	(0.064)		(0.011)	(0.015)		(0.044)	(0.099)	
Tract proportion Black				0.356***	0.415***				
				(0.038)	(0.046)				
Tract collective efficacy							0.497***	0.539***	
							(0.051)	(0.094)	
ln(Tract Violent crime rate)									
Constant	0.530	0.689	0.091	0.079	-0.054	0.322*	-0.542	-0.459	0.313
	(0.395)	(0.573)	(0.730)	(0.089)	(0.121)	(0.131)	(0.332)	(0.506)	(0.497)
Fixed Effects			✓			✓			✓
N: Neighborhood-level	178	89	89	178	89	89	178	89	89
N: Individual-level	1180	674	674	1180	674	674	1180	674	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home concentrated disadvantage, and non-home collective efficacy.

Full Tables for Interaction Models Presented in Table 3: Non-Home Exposure to Census Tract Features

Appendix Table 16. Linear regression models for non-home exposure to concentrated disadvantage based on census tracts with interactions and cluster robust standard errors.

	Concentrated Disadvantage						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.038 (0.036)	-0.044 (0.037)	-0.014 (0.071)	-0.046 (0.037)	-0.019 (0.070)	-0.048 (0.037)	-0.018 (0.070)
Total non-home time (minutes)	-0.000+ (0.000)	-0.000* (0.000)	-0.000+ (0.000)	-0.000* (0.000)	-0.000+ (0.000)	-0.000* (0.000)	-0.000+ (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.157** (0.061)	0.133* (0.057)	0.117 (0.071)	0.134* (0.058)	0.114 (0.071)	0.133* (0.057)	0.115 (0.071)
Summer (June-August)	0.130* (0.058)	0.116+ (0.067)	0.170+ (0.087)	0.118+ (0.068)	0.171+ (0.086)	0.117+ (0.067)	0.169+ (0.086)
Autumn (September-November)	0.087 (0.059)	0.052 (0.063)	0.175* (0.082)	0.053 (0.063)	0.174* (0.081)	0.056 (0.063)	0.175* (0.081)
Number of Weekend Days							
0	-0.120 (0.151)	-0.133 (0.196)	-0.101 (0.214)	-0.131 (0.196)	-0.090 (0.214)	-0.139 (0.196)	-0.098 (0.213)
1	0.006 (0.113)	-0.002 (0.103)	0.053 (0.123)	-0.007 (0.103)	0.050 (0.123)	0.001 (0.103)	0.052 (0.123)
2 (ref.)							
Family Controls							
Household size	0.018 (0.014)	0.018 (0.017)	0.035+ (0.018)	0.018 (0.017)	0.035+ (0.018)	0.018 (0.017)	0.035+ (0.018)
Parent male	0.025 (0.064)	0.018 (0.057)	0.005 (0.085)	0.020 (0.057)	0.002 (0.085)	0.018 (0.057)	0.001 (0.085)
Parent age	-0.001 (0.003)	-0.001 (0.003)	-0.001 (0.004)	-0.001 (0.003)	-0.001 (0.004)	-0.001 (0.003)	-0.001 (0.004)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.135* (0.062)	-0.114 (0.073)	-0.155+ (0.088)	-0.106 (0.073)	-0.150+ (0.089)	-0.110 (0.073)	-0.154+ (0.088)
\$60,000 - \$150,000+	-0.169* (0.071)	-0.217** (0.078)	-0.107 (0.091)	-0.214** (0.078)	-0.103 (0.093)	-0.219** (0.079)	-0.107 (0.093)
Parent education							
<High school (ref.)							
High school	0.028 (0.105)	0.004 (0.108)	0.059 (0.127)	0.005 (0.107)	0.057 (0.127)	0.002 (0.107)	0.058 (0.125)
Some college	-0.083 (0.098)	-0.134 (0.112)	0.061 (0.151)	-0.135 (0.111)	0.057 (0.152)	-0.136 (0.111)	0.061 (0.151)
College degree	-0.145 (0.111)	-0.259+ (0.133)	0.101 (0.180)	-0.258+ (0.132)	0.099 (0.179)	-0.262* (0.131)	0.101 (0.179)
Graduate degree	-0.140 (0.118)	-0.270* (0.134)	0.055 (0.181)	-0.270* (0.133)	0.048 (0.181)	-0.271* (0.133)	0.050 (0.180)
Parent marital status							
Married (ref.)							
Cohabiting	-0.003 (0.081)	-0.004 (0.088)	0.004 (0.106)	0.005 (0.087)	0.015 (0.103)	0.006 (0.088)	0.011 (0.106)
Single	0.045 (0.073)	0.055 (0.088)	0.067 (0.113)	0.053 (0.088)	0.065 (0.114)	0.061 (0.088)	0.071 (0.112)

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Other	0.039 (0.066)	0.017 (0.069)	0.051 (0.093)	0.019 (0.068)	0.051 (0.091)	0.021 (0.068)	0.051 (0.091)
Residence owned (vs. rented)	-0.097 (0.063)	-0.067 (0.066)	-0.129 (0.082)	-0.069 (0.066)	-0.130 (0.082)	-0.064 (0.066)	-0.124 (0.081)
Years lived in current neighborhood	0.003 (0.002)	0.002 (0.002)	0.005 (0.003)	0.002 (0.002)	0.004 (0.003)	0.002 (0.002)	0.005 (0.003)
Moved in the past two years	0.084 (0.061)	0.080 (0.068)	0.139+ (0.083)	0.079 (0.068)	0.143+ (0.084)	0.002 (0.091)	0.155 (0.122)
Foreign born	-0.136 (0.147)	-0.170 (0.131)	-0.096 (0.233)	-0.174 (0.129)	-0.086 (0.232)	-0.160 (0.129)	-0.086 (0.234)
Age	-0.005 (0.011)	-0.006 (0.012)	-0.000 (0.015)	0.007 (0.014)	0.011 (0.017)	-0.007 (0.012)	0.000 (0.015)
Male	-0.091* (0.041)	-0.038 (0.055)	-0.071 (0.071)	-0.081+ (0.043)	-0.126* (0.057)	-0.082+ (0.043)	-0.127* (0.058)
Respondent Black (vs. white)	0.199** (0.071)	0.241** (0.075)	0.234* (0.099)	0.675* (0.310)	0.519 (0.460)	0.220** (0.069)	0.184* (0.090)
Neighborhood-level measures							
Tract concentrated disadvantage	0.520*** (0.053)	0.428*** (0.039)		0.430*** (0.040)		0.431*** (0.040)	
Tract proportion Black							
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	-0.116+ (0.064)						
Black * Male		-0.090 (0.075)	-0.110 (0.097)				
Black * Age				-0.028 (0.021)	-0.023 (0.031)		
Black * Moved						0.120 (0.121)	-0.024 (0.151)
Constant	-0.109 (0.406)	-0.006 (0.435)	0.057 (0.716)	0.375 (0.417)	-0.053 (0.701)	0.598 (0.397)	0.098 (0.711)
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 17. Linear regression models for non-home exposure to proportion Black based on census tracts with interactions and cluster robust standard errors.

	Proportion Black						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	-0.002 (0.008)	0.003 (0.008)	-0.024+ (0.013)	0.003 (0.008)	-0.025+ (0.013)	0.002 (0.008)	-0.025+ (0.013)
Total non-home time (minutes)	0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)	0.000 (0.000)	-0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	0.024+ (0.014)	0.023+ (0.013)	0.023 (0.017)	0.023+ (0.014)	0.023 (0.017)	0.023+ (0.014)	0.023 (0.017)
Summer (June-August)	0.022+ (0.013)	0.018 (0.012)	0.027+ (0.016)	0.018 (0.012)	0.028+ (0.016)	0.018 (0.012)	0.027 (0.016)
Autumn (September-November)	-0.001 (0.013)	-0.005 (0.014)	0.013 (0.019)	-0.005 (0.013)	0.013 (0.019)	-0.005 (0.014)	0.013 (0.019)
Number of Weekend Days							
0	0.022 (0.034)	0.023 (0.036)	0.025 (0.048)	0.023 (0.036)	0.027 (0.048)	0.021 (0.036)	0.025 (0.048)
1	0.009 (0.025)	0.015 (0.024)	0.013 (0.039)	0.014 (0.025)	0.013 (0.039)	0.016 (0.024)	0.013 (0.039)
2 (ref.)							
Family Controls							
Household size	0.002 (0.003)	0.001 (0.004)	0.006 (0.005)	0.001 (0.004)	0.006 (0.005)	0.001 (0.004)	0.006 (0.005)
Parent male	-0.010 (0.014)	-0.010 (0.012)	-0.032+ (0.016)	-0.010 (0.012)	-0.032+ (0.016)	-0.010 (0.012)	-0.033* (0.016)
Parent age	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)	0.001 (0.001)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	-0.014 (0.015)	-0.013 (0.017)	-0.027 (0.018)	-0.012 (0.017)	-0.026 (0.018)	-0.013 (0.017)	-0.026 (0.018)
\$60,000 - \$150,000+	-0.021 (0.016)	-0.027 (0.018)	-0.006 (0.022)	-0.026 (0.017)	-0.005 (0.022)	-0.027 (0.018)	-0.006 (0.022)
Parent education							
<High school (ref.)							
High school	-0.008 (0.023)	-0.020 (0.024)	0.036 (0.029)	-0.019 (0.024)	0.035 (0.029)	-0.020 (0.024)	0.035 (0.029)
Some college	-0.007 (0.022)	-0.018 (0.025)	0.040 (0.033)	-0.018 (0.025)	0.039 (0.033)	-0.018 (0.025)	0.040 (0.033)
College degree	-0.020 (0.025)	-0.034 (0.029)	0.042 (0.038)	-0.033 (0.029)	0.041 (0.038)	-0.034 (0.029)	0.041 (0.038)
Graduate degree	-0.009 (0.026)	-0.022 (0.028)	0.053 (0.039)	-0.022 (0.028)	0.052 (0.039)	-0.023 (0.028)	0.052 (0.039)
Parent marital status							
Married (ref.)							
Cohabiting	-0.007 (0.018)	-0.006 (0.021)	-0.014 (0.023)	-0.005 (0.020)	-0.012 (0.023)	-0.004 (0.020)	-0.012 (0.023)
Single	0.024 (0.016)	0.031 (0.019)	0.014 (0.028)	0.030 (0.019)	0.013 (0.028)	0.032 (0.019)	0.014 (0.028)
Other	0.003 (0.015)	-0.002 (0.015)	-0.006 (0.022)	-0.002 (0.015)	-0.007 (0.022)	-0.001 (0.015)	-0.006 (0.022)
Residence owned (vs. rented)	-0.036** (0.014)	-0.033* (0.014)	-0.039* (0.018)	-0.033* (0.014)	-0.040* (0.019)	-0.032* (0.014)	-0.038* (0.019)
Years lived in current neighborhood	0.001* (0.001)	0.001* (0.001)	0.001* (0.001)	0.001* (0.001)	0.001* (0.001)	0.001+ (0.001)	0.001* (0.001)

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	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Moved in the past two years	0.029*	0.025+	0.039*	0.025+	0.040*	0.006	0.037
	(0.014)	(0.013)	(0.018)	(0.013)	(0.018)	(0.018)	(0.025)
Foreign born	-0.067*	-0.070*	-0.074	-0.071*	-0.073	-0.068*	-0.072
	(0.033)	(0.028)	(0.057)	(0.028)	(0.058)	(0.028)	(0.058)
Age	0.001	-0.000	0.003	0.003	0.005	-0.000	0.003
	(0.003)	(0.003)	(0.003)	(0.003)	(0.004)	(0.003)	(0.003)
Male	-0.016+	-0.006	-0.016	-0.014	-0.024*	-0.014	-0.024+
	(0.009)	(0.011)	(0.015)	(0.009)	(0.012)	(0.009)	(0.012)
Respondent Black (vs. white)	0.087***	0.097***	0.096***	0.189**	0.154	0.084***	0.088***
	(0.015)	(0.018)	(0.020)	(0.072)	(0.110)	(0.016)	(0.019)
Neighborhood-level measures							
Tract concentrated disadvantage	0.009	0.015		0.015		0.015	
	(0.014)	(0.011)		(0.011)		(0.011)	
Tract proportion Black	0.381***	0.356***		0.356***		0.356***	
	(0.037)	(0.038)		(0.038)		(0.038)	
Tract collective efficacy							
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	0.003						
	(0.014)						
Black * Male		-0.016	-0.016				
		(0.018)	(0.022)				
Black * Age				-0.007	-0.005		
				(0.005)	(0.008)		
Black * Moved						0.030	0.003
						(0.026)	(0.034)
Constant	0.077	0.079	0.301*	0.038	0.277*	0.089	0.307*
	(0.087)	(0.089)	(0.129)	(0.089)	(0.130)	(0.088)	(0.127)
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

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Appendix Table 18. Linear regression models for non-home exposure to collective efficacy based on census tracts with interactions and cluster robust standard errors.

	Collective Efficacy						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	0.011 (0.032)	0.025 (0.034)	-0.059 (0.052)	0.026 (0.034)	-0.060 (0.052)	0.027 (0.034)	-0.059 (0.052)
Total non-home time (minutes)	0.000 (0.000)	0.000+ (0.000)	0.000 (0.000)	0.000+ (0.000)	0.000 (0.000)	0.000+ (0.000)	0.000 (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	-0.081 (0.054)	-0.064 (0.051)	-0.053 (0.061)	-0.064 (0.051)	-0.054 (0.061)	-0.064 (0.051)	-0.056 (0.061)
Summer (June-August)	-0.120* (0.052)	-0.098+ (0.056)	-0.167* (0.078)	-0.098+ (0.056)	-0.165* (0.077)	-0.098+ (0.056)	-0.167* (0.077)
Autumn (September-November)	-0.073 (0.052)	-0.051 (0.053)	-0.149* (0.074)	-0.052 (0.053)	-0.151* (0.075)	-0.053 (0.053)	-0.148* (0.074)
Number of Weekend Days							
0	0.001 (0.135)	0.003 (0.168)	-0.008 (0.148)	0.004 (0.168)	0.003 (0.147)	0.007 (0.168)	-0.015 (0.149)
1	-0.096 (0.100)	-0.060 (0.124)	-0.125 (0.115)	-0.060 (0.124)	-0.127 (0.114)	-0.062 (0.123)	-0.124 (0.116)
2 (ref.)							
Family Controls							
Household size	-0.025* (0.012)	-0.022 (0.014)	-	-0.022 (0.018)	0.056** (0.018)	-0.022 (0.015)	0.056** (0.018)
Parent male	0.045 (0.057)	0.044 (0.052)	0.074 (0.076)	0.043 (0.052)	0.075 (0.075)	0.044 (0.052)	0.074 (0.075)
Parent age	0.003 (0.003)	0.004 (0.003)	0.005 (0.003)	0.004 (0.003)	0.005 (0.003)	0.003 (0.003)	0.005 (0.003)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	0.048 (0.057)	-0.001 (0.064)	0.101 (0.072)	-0.003 (0.064)	0.106 (0.071)	-0.004 (0.064)	0.103 (0.071)
\$60,000 - \$150,000+	0.107+ (0.063)	0.133* (0.065)	0.089 (0.068)	0.133* (0.065)	0.094 (0.068)	0.135* (0.066)	0.088 (0.068)
Parent education							
<High school (ref.)							
High school	0.058 (0.093)	0.079 (0.079)	0.087 (0.101)	0.081 (0.080)	0.087 (0.102)	0.081 (0.079)	0.081 (0.101)
Some college	0.126 (0.087)	0.175* (0.080)	0.113 (0.108)	0.176* (0.080)	0.108 (0.108)	0.176* (0.080)	0.108 (0.108)
College degree	0.223* (0.099)	0.343*** (0.101)	0.127 (0.133)	0.344*** (0.101)	0.126 (0.133)	0.345*** (0.101)	0.118 (0.134)
Graduate degree	0.144 (0.105)	0.283** (0.100)	0.005 (0.124)	0.284** (0.100)	0.003 (0.124)	0.284** (0.100)	0.001 (0.124)
Parent marital status							
Married (ref.)							
Cohabiting	-0.028 (0.071)	-0.060 (0.080)	-0.060 (0.103)	-0.063 (0.079)	-0.056 (0.102)	-0.066 (0.080)	-0.051 (0.105)
Single	-0.077 (0.063)	-0.095 (0.068)	-0.053 (0.087)	-0.096 (0.069)	-0.062 (0.087)	-0.099 (0.068)	-0.049 (0.086)
Other	-0.176** (0.059)	-0.184** (0.066)	-0.199* (0.092)	-0.185** (0.065)	-0.201* (0.091)	-0.187** (0.065)	-0.195* (0.091)
Residence owned (vs. rented)	0.047 (0.055)	-0.006 (0.062)	0.027 (0.071)	-0.006 (0.062)	0.018 (0.071)	-0.008 (0.063)	0.028 (0.070)

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Years lived in current neighborhood	-0.001 (0.002)	0.000 (0.002)	-0.001 (0.003)	-0.000 (0.002)	-0.001 (0.003)	0.000 (0.002)	-0.001 (0.003)
Moved in the past two years	-0.078 (0.054)	-0.081 (0.057)	-0.116 (0.072)	-0.081 (0.057)	-0.114 (0.072)	-0.034 (0.097)	-0.193 (0.134)
Foreign born	-0.114 (0.131)	-0.051 (0.138)	-0.207 (0.168)	-0.054 (0.138)	-0.210 (0.168)	-0.058 (0.138)	-0.196 (0.167)
Age	0.009 (0.010)	0.009 (0.011)	0.004 (0.011)	0.010 (0.016)	0.019 (0.015)	0.009 (0.011)	0.003 (0.011)
Male	0.073* (0.036)	0.051 (0.059)	0.062 (0.079)	0.082* (0.040)	0.064 (0.050)	0.082* (0.040)	0.064 (0.050)
Respondent Black (vs. white)	-0.218*** (0.055)	-0.217** (0.071)	-0.135 (0.083)	-0.155 (0.316)	0.298 (0.361)	-0.174** (0.066)	-0.158* (0.072)
Neighborhood-level measures							
Tract concentrated disadvantage	-0.250*** (0.063)	-0.065 (0.044)		-0.066 (0.044)		-0.067 (0.045)	-0.158* (0.072)
Tract proportion Black							
Tract collective efficacy	0.440*** (0.050)	0.498*** (0.050)		0.497*** (0.051)		0.497*** (0.051)	
ln(Tract Violent crime rate)							
Interaction terms							
Black * Tract Disadvantage	0.199*** (0.058)						
Black * Male		0.063 (0.077)	0.001 (0.102)				
Black * Age				-0.002 (0.021)	-0.030 (0.025)		
Black * Moved						-0.073 (0.120)	0.124 (0.152)
Constant	-0.317 (0.342)	-0.522 (0.337)	0.306 (0.507)	-0.562 (0.373)	0.105 (0.532)	-0.560+ (0.335)	0.320 (0.499)
N: Neighborhood-level	178	178	89	178	89	178	89
N: Individual-level	1180	1180	674	1180	674	1180	674

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.

Full Tables for Non-home Collective Efficacy Models Presented in Tables 2 and 3: Measuring Collective Efficacy with Only Home Neighborhood Reports

Appendix Table 19. Linear regression models for non-home collective efficacy, measuring collective efficacy with home neighborhood reports.

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
ln(Block group population density)	0.029 (0.047)	0.113 (0.069)	0.002 (0.069)	-0.001 (0.036)	0.028 (0.047)	0.029 (0.047)	0.032 (0.047)
Total non-home time (minutes)	0.000+ (0.000)	0.000 (0.000)	0.000 (0.000)	0.000 (0.000)	0.000+ (0.000)	0.000+ (0.000)	0.000+ (0.000)
Season							
Winter (December-February) (ref.)							
Spring (March-May)	-0.090 (0.056)	-0.083 (0.079)	-0.097 (0.070)	-0.104+ (0.060)	-0.090 (0.056)	-0.091 (0.056)	-0.091 (0.056)
Summer (June-August)	-0.135* (0.065)	-0.170+ (0.089)	-0.228* (0.089)	-0.158** (0.057)	-0.134* (0.065)	-0.136* (0.066)	-0.135* (0.065)
Autumn (September-November)	-0.050 (0.064)	-0.075 (0.082)	-0.118 (0.087)	-0.066 (0.058)	-0.049 (0.064)	-0.049 (0.064)	-0.053 (0.063)
Number of Weekend Days							
0	0.032 (0.201)	-0.082 (0.214)	0.033 (0.137)	0.052 (0.149)	0.031 (0.201)	0.026 (0.200)	0.040 (0.202)
1	0.000 (0.116)	0.033 (0.126)	-0.017 (0.107)	-0.043 (0.111)	0.000 (0.116)	0.009 (0.117)	-0.004 (0.114)
2 (ref.)							
Family Controls							
Household size	-0.026+ (0.015)	-0.052** (0.019)	-0.046* (0.019)	-0.026+ (0.014)	-0.026+ (0.015)	-0.026+ (0.015)	-0.025+ (0.015)
Parent male	0.040 (0.062)	0.087 (0.079)	0.085 (0.082)	0.036 (0.063)	0.040 (0.062)	0.037 (0.061)	0.041 (0.062)
Parent age	0.003 (0.003)	0.005 (0.004)	0.004 (0.004)	0.003 (0.003)	0.003 (0.003)	0.003 (0.003)	0.003 (0.003)
Household income							
Under \$30,000 (ref.)							
\$30,001 - \$60,000	0.019 (0.066)	0.057 (0.073)	0.073 (0.070)	0.057 (0.062)	0.022 (0.066)	0.010 (0.066)	0.018 (0.065)
\$60,000 - \$150,000+	0.131* (0.065)	0.120 (0.077)	0.040 (0.075)	0.096 (0.070)	0.131* (0.065)	0.127+ (0.065)	0.135* (0.065)
Parent education							
<High school (ref.)							
High school	0.006 (0.093)	-0.121 (0.115)	-0.122 (0.113)	0.002 (0.103)	0.004 (0.093)	-0.001 (0.093)	0.005 (0.093)
Some college	0.104 (0.093)	0.038 (0.117)	-0.046 (0.117)	0.070 (0.097)	0.103 (0.093)	0.104 (0.093)	0.105 (0.093)
College degree	0.274* (0.123)	0.138 (0.158)	-0.065 (0.146)	0.159 (0.110)	0.273* (0.123)	0.270* (0.123)	0.276* (0.123)
Graduate degree	0.282* (0.122)	0.142 (0.156)	-0.101 (0.143)	0.117 (0.116)	0.281* (0.122)	0.280* (0.121)	0.282* (0.122)
Parent marital status							
Married (ref.)							
Cohabiting	-0.020 (0.099)	-0.069 (0.116)	-0.101 (0.112)	-0.023 (0.079)	-0.016 (0.099)	-0.027 (0.098)	-0.027 (0.099)
Single	-0.053 (0.076)	-0.120 (0.103)	-0.083 (0.101)	-0.059 (0.069)	-0.051 (0.076)	-0.045 (0.075)	-0.059 (0.076)
Other	-0.172**	-0.218*	-0.214*	-0.188**	-0.172**	-0.175**	-0.177**

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	(0.064)	(0.083)	(0.088)	(0.065)	(0.065)	(0.064)	(0.065)
Residence owned (vs. rented)	-0.026	-0.081	-0.045	0.010	-0.026	-0.022	-0.031
	(0.061)	(0.074)	(0.067)	(0.061)	(0.061)	(0.060)	(0.060)
Years lived in current neighborhood	0.001	0.002	-0.000	-0.000	0.001	0.001	0.001
	(0.002)	(0.004)	(0.003)	(0.002)	(0.002)	(0.002)	(0.002)
Moved in the past two years	-0.035	-0.037	-0.072	-0.049	-0.036	-0.035	0.083
	(0.063)	(0.078)	(0.078)	(0.060)	(0.062)	(0.062)	(0.100)
Foreign born	-0.007	0.049	-0.163	-0.065	-0.004	0.007	-0.017
	(0.119)	(0.205)	(0.144)	(0.145)	(0.119)	(0.118)	(0.117)
Age	-0.012	-0.029*	-0.011	-0.009	-0.012	-0.036*	-0.011
	(0.013)	(0.014)	(0.012)	(0.011)	(0.013)	(0.016)	(0.013)
Male	0.102*	0.135*	0.124*	0.100*	0.068	0.102*	0.102*
	(0.041)	(0.061)	(0.057)	(0.040)	(0.060)	(0.041)	(0.041)
							-
Respondent Black (vs. white)	-0.339***	-0.332***	-0.228**	-0.304***	-0.372***	-1.055**	0.307***
	(0.062)	(0.073)	(0.072)	(0.061)	(0.075)	(0.316)	(0.068)
Neighborhood-level measures							-
							-
Tract concentrated disadvantage	-0.174***	-0.242*		-0.274***	-0.173***	-0.173***	0.176***
	(0.044)	(0.105)		(0.067)	(0.043)	(0.043)	(0.044)
Tract collective efficacy	0.286***	0.230*		0.232***	0.286***	0.288***	0.286***
	(0.059)	(0.113)		(0.051)	(0.059)	(0.059)	(0.059)
Interaction terms							
Black * Tract Disadvantage				0.097			
				(0.064)			
Black * Male					0.069		
					(0.077)		
Black * Age						0.050*	
						(0.021)	
Black * Moved							-0.185
							(0.122)
Constant	-0.103	-0.441	0.266	0.164	-0.077	0.244	-0.138
	(0.456)	(0.651)	(0.653)	(0.380)	(0.458)	(0.487)	(0.457)
Fixed Effects			✓				
N: Neighborhood-level	178	89	89	178	178	178	178
N: Individual-level	1180	674	674	1180	1180	1180	1180

*p < .05; **p < .01; ***p < .001; two-tailed tests.

Notes: Models including an interaction for Black * Tract Disadvantage are two-level linear multilevel models clustering on census tracts, and include a random slope term for Black (vs. white) respondent. All other models are single-level linear regression models with cluster robust standard errors. The following variables are z-score standardized: Tract concentrated disadvantage, tract collective efficacy, non-home collective efficacy, and non-home concentrated disadvantage.