

Safe and Fit Environments Study

Constructs, Operational Definitions, & Scale Creation Information

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SCALE	OPERATIONAL DEFINITION	SCALE CREATION
Cognitive & Emotional Responses to crime (CER)		
1. Fear of crime (CER_Fear)	Emotional response related to fear, worry, helplessness, and uneasy feelings.	(Section R, # 1-13) Mean of 13 items. Response range: 1-4 (1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)
2. Evaluation of risk (CER_Risk)	A cognitive assessment of the likelihood of crime.	(Section X, # 1-12) Mean of 12 items. Response range: 1-4 (1=very unlikely, 2=somewhat unlikely, 3=somewhat likely, 4=very likely)
3. Values (Incivilities) (CER_Values)	Concerns that relate to the personal tolerance of the respondent to crime and incivilities.	(Section S, # 1-17) Mean of 17 items. Response range: 1-4 (1=not present in my neighborhood; 2=present, but not a problem; 3=present, somewhat a problem; 4=present, big problem)
4. Street Efficacy (CER_StEffic)	An individual's perceptions of their ability to avoid crime or to find ways to be safe in their neighborhoods.	(Section Y, #1-4). Mean of 4 items Response range: 1-4 (1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)
Behavioral Responses (BR)		
5. Protective Behaviors (BR_Protective)	Measures taken to "make victimization more difficult for the offender" (DuBow et al., 1979).	(Section U, # 1-13) Mean of 13 items Response range: 1-4 (1=never, 2=rarely, 3=sometimes, 4=often)
6. Avoidant Behaviors (4 subscales)	Measures taken to decrease exposure to crime; changing when, where, or what you are doing to avoid encountering crime	(Section T, #1-6) Response range: 1-4 (1=never, 2=rarely, 3=sometimes, 4=often) (BR_Avoid_DayAlone) Daylight, alone. Mean of 5 items: 1a, 2a, 3a, 4a, 5a
		(BR_Avoid_DayOthers) Daylight, with other people. Mean of 5 items: 1b, 2b, 3b, 4b, 5b
		(BR_Avoid_DarkAlone) Dark, alone. Mean of 6 items: 1c, 2c, 3c, 4c, 5c, 6a
		(BR_Avoid_DarkOthers) Dark, with other people. Mean of 6 items: 1d, 2d, 3d, 4d, 5d, 6b
7. Positive Avoidant Behavior (BR_PosAvoid)	Avoidant behaviors that may result in increased physical activity (e.g., walking a longer route to avoid a dangerous neighborhood).	(Section T, # 7-14) Sum of 8 items. Response range: (yes=1, no=0)

8. News-related Avoidant Behavior (BR_NewsAvoid)	Changing or avoiding outdoor activities in response to crime-related news stories	(Section Z, # 11-13). Sum of 3 items Response range: (yes=1, no=0)
9. Obligatory Behaviors (BR_Oblig)	Engaging in physical activity, regardless of crime-related perceptions, due to lack of an alternate form of transportation	(Section DD, # 8-10). Sum of 3 items Response range: (yes=1, no=0)
10. Community Participation (BR_CommPart)	Civic engagement and involvement in n'hood safety programs.	(Section J, # 1 & 3 only [exclude #2]). Sum of two items. Response range: (yes=1, no=0)
11. Effect of Crime on Activity (BR_NoResp)	No change in behavior attributable to crime	(Section V, # 1-2). Mean of 2 items Response range: 1-4 (1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)
12. Estimated Effect of Safety on Activity (BR_PAifNoCrime)	If the person weren't fearful, do they think they would behave differently (e.g., engage in more PA)?	(Section R, #14-16). Mean of 3 items Response range: 1-3 (1=about the same as now, 2=a little more than now, 3=a lot more than now)
Personal Experiences (PE)		
13. Victimization (4 subscales)	Personal and vicarious experiences with property and personal crimes.	(Section BB, # 1-4) Response range: 0-3; (Recoded: 0="never", 1="1 time," 3.5="2-5 times," 6="6 or more times") (PE_Victim_Recent) Recent victimization: Mean of 4 items (1a-d)
		(PE_Victim_Past) Past victimization(>12 months ago): Mean of 4 items (2a-d)
		(PE_Victim_Witness) Witnessing crime: Mean of 4 items (3a-d)
		(PE_Victim_Hear) Hearing about crime: Mean of 4 items (4a-d)
14. Collective Efficacy (PE_ColleEffic)	Informal social control + social cohesion and trust	(Section I, #1-9) Mean of 9 items. Response range: 1-4 (1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)
15. Neighborhood Integration (PE_NeiIntegr)	Extent to which the individual knows and engages with neighbors; relates to helpful neighboring and reciprocal relationships	(Section I, #10-15) Mean of 6 items. Response range: 1-4 (1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)
16. Crime information sources (PE_CriInfo)	Checklist of sources of crime information to assess where the respondent obtains crime information	(Section Z, # 1-10). Sum of 10 items. Response range: (yes=1, no=0)

Individual & Neighborhood Context (INC)		
<p>17. CPTED</p> <p>Four subscales</p>	<p>Surveillance: Offenders are less likely to offend if they perceive that they can be observed.</p> <p>Maintenance: maintenance of the urban environment will significantly assist in reducing crime. Access Control: reducing opportunities for crime by denying access to potential targets.</p> <p>Territorial Reinforcement: “reinforcing notions of proprietary concern and a “sense of ownership” to illegitimate users.”</p>	<p>(Section W, # 1-12) Response range: 1-4(1=disagree strongly, 2=disagree somewhat, 3=agree somewhat, 4=agree strongly)</p> <p>(INC_CPTED_Surv) Surveillance (#’s 1-5); mean of 5 items; reverse score 4</p> <p>(INC_CPTED_Maint) Maintenance (#’s 6-8); mean of 3 items</p> <p>(INC_CPTED_AccCtrl) Access Control (#’s 9-10); mean of 2 items</p> <p>(INC_CPTED_TerrReinf) Territorial Reinforcement (#’s 11- 12); mean of 2 items</p>
Outcome (O)		
<p>18. Getting out of the house (O_OutingsFreqWk)</p>	<p>Frequency the respondent goes shopping, spends evenings away from home, and rides public transportation</p>	<p>(Section AA, # 1-3)</p> <p>Sum of 3 items. Response range: 0-21 trips per week (Frequency of days per week for three types of outings)</p>