

Appendix III. Mental health issues associated with CDA victimisation

Study	Year	Country of Study	Ethnicity	Sample Size	Age range	Mean age	Gender	Sexual orientation	Relationship criteria	CDA timeframe	Outcome	Significance	Measures
1 Cava, Tomás, et al.	2020	Spain	Spanish	604	12 - 17	14.32	43.4% M, 56.6% F	95.5% heterosexual, 4.5% homosexual	last 1 year, more than a single date	last 1 year	Depressive mood (M and F) Emotional loneliness (only F)	p<.01 p<.01	Cib-VPA (Cava & Buelga, 2018) UCLA Loneliness Scale (Borges et al., 2008), CES-D (Herrero & Meneses, 2006)
2 Gracia-Leiva et al.	2020	Spain	91.5% Spanish, 5.5% Latin-American, 1.7% European, 0.7% Other, 0.6% No answer	1227	13 - 28	18.76	100% F	100% heterosexual	ever	last 1 year	Suicidal thoughts Attempted suicide Parental and peer alienation	p<.001 OR=2.37 OR=3.69 p<.001	CDAQ (Borrajao et al., 2015), SRS (Plutchik et al., 1989)
3 Hancock et al.	2017	Canada	NR	155	17 - 25	19.38	32.3% M, 67.7% F	96.8% heterosexual, 3.2% homosexual	last 1 year, in relationship, for min. 3 months	last 1 year	Emotional distress	p<.01	Picard (2007), Self-Esteem Scale (Rosenberg, 1965), Quality of Relationships Inventory (Pierce et al., 1991)
4 Hinduja & Patchin	2020	USA	69% White, 11.3% Black, 10.6% Hispanic, 9.1% Other	2218	12 - 17	14.9	51.9% M, 48.1% F	89.5% heterosexual, 10.5% non-heterosexual	last 1 year	last 1 year	Depressive symptoms	p<.001 Exp(β)=3.88	ad hoc 5 CDA questions, 1 yes/no depressive symptoms question
5 Lu et al.	2018	USA	33.9% Hispanic, 27.8% White, 27.3% Black, 3.1% Asian, 8.0% Other	641	NR	19.1	63.3% F	NR	not specified	last 1 year	Cross-sectional associations: PTSD, Depression, Psychoactive substance abuse Temporal associations: Hard drug and marijuana use	p<.000 p<.001 p<.05	Picard (2007) and Zweig et al. (2013), SCARED (Birmaher et al., 1999), PC-PTSD (Prins et al., 2003), CES-D (Andersen et al., 1994)
6 Ortega-Barón et al.	2020	Spain	Spanish	W1: 341 W2: 357 W3: 416	13 - 18	13.57 13.87 14.68	43% M, 57% F 45% M, 55% F 42% M, 58% F	NR	last 6 months	NR	Lower HRQoL	W1: OR: 3.23 W2: OR: 3.49 W1: OR: 2.66 p<.001	CDAQ (Calvete et al., 2020), KIDSCREEN-10 (The Kidscreen Group Europe, 2006)
7 K. Smith et al.	2018	Canada	French speaking Canadian	190	14 - 18	15.77	56.4% F	NR	last 1 year	last 1 year	Psychological distress (for reciprocal CDA) Lower self-esteem (for victimisation)	p<.01 p<.05 β=7.7 β=2.04 OR=1.2 β=0.22	CDAQ (Stewart et al., 2014, Litwiller & Brausch, 2013), Psychological Distress Scale (Kessler et al., 2002), Self-Description Questionnaire (Marsh and O'Neil, 1984)

8	Van Ouytsel et al.	2016	Belgium	Belgian	466	16 - 22	17.99	71% F	NR	ever	last 6 months	Psychoactive substance abuse (Episodic heavy drinking)	p<.001 t= -4.02	CDAQ (Borrajao et al., 2015), Youth Risk Behavior Survey (CDC, 2015)
9	Wolford-Clevenger et al.	2016	USA	81.2% White, 9.1% Black, 3.5% Asian, 2.1% Hispanic, 1.7% Middle Eastern, 1.6% Other, 0.8% Native American	502	NR	18.80	65.7% F	95.6% heterosexual	currently in relationship	last 1 year, in current relationship	Depressive symptoms	p<.01 r=0.13	PCAQ (Hamby, 2013), CES-D (Radloff, 1977)
10	Zweig et al.	2014	USA	74% White, 10% Multiracial, 8% Hispanic, 5% Black, 2% Asian, <1% Native American	3745	12 - 19	15.53	47% M, 52% F, <1% T	94% heterosexual	last 1 year	by current or most recent partner	Depressive symptoms Anger/hostility	p<.001 β=0.068 Exp(β)=1.070 p<.001 β=0.047 Exp(β)=1.048	Picard (2007) and Griezel (2007), SA -45 (Strategic Advantage, Inc., 1998), Communities that Care (2006)

Notes. CDA = Cyber Dating Abuse. CDAQ = Cyber Dating Abuse Questionnaire. CES-D = Center for Epidemiologic Studies Depression Scale. Cib-VPA = Cyber-violence in adolescent couples scale. F = Female.

HRQoL = Health-related quality of life. M = Male. NR = Not reported. PCAQ = Partner Cyber Abuse Questionnaire. PC-PTSD = Primary Care PTSD Screen. PTSD = Posttraumatic stress disorder.

SA-45 = Symptom Assessment-45 Questionnaire. SCARED = Screen for Child Anxiety Related Emotional Disorders. T = Transgender. W = Wave. SRS = Suicide Risk Scale.