Annex 3. Definitions of violence and sources of data for meta-regression models

Note: All violence recall timeframes are in the last 12 months unless stated otherwise.

3.0 Definitions of physical and emotional violence from household members

Data source	Notes	Form of Violence	Definition of violence
Multiple Indicator Cluster Surveys (MICS),[1] Demographic and Health Surveys (DHS)[2]	Proxy reports from caregivers about violence from household members	Physical	Adapted Conflict Tactics Scale. Answered as yes/no to the following: Adults use certain ways to teach children the right behaviour or to address a behaviour problem. I will read various methods that are used. Please tell me if you or anyone else in your household has used this method with (name) in the past month: 1) Shook him/her; 2) Spanked, hit or slapped him/her on the bottom with bare hand; 3) Hit him/her on the bottom or elsewhere on the body with something like a belt, hairbrush, stick or other hard object; 4) Hit or slapped him/her on the face, head or ears; 5) Hit or slapped him/her on the hand, arm, or leg; 6) Beat him/her up, that is hit him/her over and over as hard as can. A child was considered exposed if having experienced at least 1 act of violence, according to the caregiver rep
MICS,[1] DHS[2]	Proxy reports from caregivers about violence from household members	Emotional	Adapted Conflict Tactics Scale. Answered as yes/no

Data source	Notes	Form of Violence	Definition of violence
GSS[3]	Z] o Œ self reports (not included in main regression model; detailed in Annex 7)	Emotional	International Society for the Prevention of Child Abuse and Neglect Screening Tool Child Institutional (ICAST CI)X v • Á Œ } Œ Z Ç • [} Œ Z v } [š } š Z (} o the following: Has [a parent or caregiver or another relative] ever: 1) Insulted you, or called you rude or hurtful names? 2) Accused you of witchcraft? 2) Locked you out or made you stay outside? 4) Not given you food? A child was considered exposed if reporting having experienced at least 1 act of violence.
Violence Against Children Surveys (VACS[4])	Z] o Œ self reports (not included in main regression model; detailed in Annex 7)	Physical	v • Á Œ Z Ç • [} Œ Z v } [š } š Z (} o Kenya and Tanzania: 1) Has a parent or any adult relative ever punched you, kicked you, whipped you, beat you with an object? 2) Has a parent or any adult relative ever used or threatened to use a knife or othe weapon against you? Haiti: 1) Has/did a parent, caregiver, any adult relative or another adult household member ever punch you, kick you, whip you, or beat you with an object? 2) Has/did a parent, caregiver, any adult relative, or another adult household member ever choke you or smother you or try to drown you? 3) Has/did a parent caregiver, any adult relative, or another adult household member ever burn or scald you intentionally (including putting hot pepper in your mouth or on another body part)? 4) Has/did a parent, caregiver, any adult relative, or another adult household member ever use or threaten to use a knife or other weapon against you? A child was considered exposed if reporting having experienced at least 1 act of violence.
VACS[4]	Z] o Œ self reports (not included in main regression model; detailed in Annex 7)	Emotional	Haiti: 1) Has/did a parent, caregiver, any adult relative or another adult household member ever say that you were not loved or did not deserve to be loved?, 2) Has/did a parent, caregiver, any adult relative, or another adult household member ever say that they wished you had never been born or were dead?, 3) Has/did a parent, caregiver, any adult relative, or another adult household member ever ridicule you or put you down (for example say that you were stupid or useless)?, 4) Has/did a parent, caregiver, any adult relative, or another adult household member ever threaten to abandon you or threaten you that they would force you to leave home? A child was considered exposed if reporting having experienced at least 1 act of violence.

Data source	Notes	Form of Violence	Definition of violence
Helweg-Larsen, 2012[5]	Z] o Œ self reports (not included in main regression model; detailed in Annex 7)	Physical	Danish version of the Conflict Tactics Scale created by Straus. The scale consists of 14 items beginning with aggressive verbalization by the parent towards the ch and moving to severe physically violent acts. Participants responded by indicating whether they ha experienced such acts (1 = yes) or not (0 = no) during the previous 12 months. An adolescent was consider to have been exposed to physical violence if reporting having experienced at least one act of mild or severe physical violence. (recall: 12 months)

3.1 Physical violence from students, total sources by age – boys

age	Sys Rev	GSHS	HBSC	PIRL	TIMSS	Total
6	1	0	0	0	0	1
7	0	0	0	3	3	6
8	0	0	0	30	22	52
9	0	0	0	129	83	212
10	0	0	0	139	91	230
11	0	0	42	127	81	250
12	0	90	0	76	100	266
13	0	103	42	36	169	350
14	1	105	0	12	156	274
15	1	105	42	4	139	291
16	1	9	0	2	107	119
17	0	7	0	1	65	73
18	0	0	0	0	30	30
19	0	0	0	0	3	3
Total	4	419	126	559	1,049	2,157

3.2 Physical violence from students, total sources by age – girls

age	Sys Rev	GSHS	HBSC	PIRL	TIMSS	Total
6	1	0	0	0	1	2
7	0	0	0	3	2	5
8	0	0	0	29	22	51
9	0	0	0	129	82	211
10	0	0	0	139	89	228
11	0	0	42	119	77	238
12	0	92	0	71	101	264
13	0	104	42	31	159	336
14	1	104	0	7	156	268
15	1	104	42	4	134	285
16	1	9	0	2	99	111
17	0	7	0	0	58	65
18	0	0	0	0	26	26
19	0	0	0	0	2	2

3.8 Partner emotional violence, data source per age of girls

age	DHS	GSS	RHS	WHO VAW	Total
15	24	1	5	2	32
16	45	1	6	5	57
17	54	0	6	8	68
18	59	0	6	10	75
19	62	0	6	11	79
Total	244	2	29	36	311

3.9 Partner emotional violence question definitions, against girls

Data source	Notes	Form of Violence	Definition of violence
Demographic and Health Survey (DHS)[2]	Z] o Œ self reports. Two questions	Emotional	1) said or done something to humiliate her in front of others, 2) harassed her.
DHS[3]	Z] o Œ self reports. Two questions	Emotional	1) said or done something to humiliate her in front of others; 2) threatened to hurt or harm her or someone close to her
DHS[3]	Z] o Œ self reports. Three questions	Emotional	1) said or done something to humiliate her in front of others; 2) threatened to hurt or harm her or someone close to her; 3) insulted her or made her feel bad abou herself
DHS[3]	Z] o Œ self reports. Three questions	Emotional	1) said or done something to humiliate her in front of others; 2) threatened to hurt or harm her or someone close to her; 3) swear at her.
Reproductive Health Surveys (RHS)[15]	Z] o Œ self reports. Two questions	Emotional	1) insulted her or made her feel bad about herself, 2) threatened to hurt her or someone she cares about
RHS[15]	Z] o Œ self reports. Three questions	Emotional	1) done something to humiliate her, 2) shouted at, insulted or called offensive names, 3) threatened to harm her or someone close to her

Data source	Notes	Form of Violence	Definition of violence
RHS[15]	Z] o Œ self reports. Four questions.	Emotional	1) insulted her or made her feel bad about herself, 2) belittled her or humiliated her in front of others, 3) don things on purpose to scare or intimidate her (for exam by the way he looks at her, how he yells or breaks things), 4) threatened to harm her or someone close t her.
RHS[15]	Z] o Œ self reports. Five questions.	Emotional	1) insulted her or made her feel bad about herself, 2) belittled her or humiliated her in front of others, 3) don things on purpose to scare or intimidate her (for exam by the way he looks at her, how he yells or breaks things), 4) threatened to harm her or someone close t her, 5) threatened to take away her children
WHO Multi-Country Study on t } u v [• Health and Domestic Violence[16]	Z] o Œ self reports.	Emotional	1) Insulted you or made you feel bad about yourself? 2) Belittled or humiliated in front of other people? 3) Did thing to scare or intimidate you on purpose? 4) Threatened to hurt you or someone you cared about.
Good Schools Study (GSS[5])	Z] o Œ self reports.	Emotional	International Society for the Prevention of Child Abuse and Neglect Screening Tool Child Institutional (ICAST-CI) 1) Insulted you, or called you rude or hurtful names? 2) Accused you of witchcraft? 3) Locked you out or made you stay outside? 4) Not given you food?

3.10 Partner sexual violence, data source per age-girls

	Source					
age	DHS	Sys Rev	GSS	RHS	WHO VAW	Total
15	26	0	1	5	2	34
16	47	1	1	6	5	60
17	55	2	0	6	8	71
18	61	0	0	6	10	77
19	64	0	0	6	11	81
Total	253	3	2	29	36	323

3.11 Partner sexual violence question definitions, against girls

Data source	Notes	Form of Violence	Definition of violence
Demographic and Health Surveys (DHS)[12]	Z] o Œ ' self reports One question	Sexual	1) physically forced her to have sexual intercourse e when she did not want to.
DHS[3]	Z] o Œ ' self reports Two questions	Sexual	1) physically forced her to have sexual intercourse o forced her to perform any other sexual acts.
DHS[3]	Childr v [• self reports Three questions	Sexual	1) physically forced her to have unwanted sexual intercourse or 2) forced her to perform any other unwanted sexual acts, 3) forced her with threats or i any other way to perform sexual acts she did not wa to.
DHS[3]	Z] o Œ ' self reports Four questions	Sexual	1) physically forced her to have unwanted sexual intercourse or 2) forced her to perform any other unwanted sexual acts, 3) force you with threats or in any other way to have sexual intercourse with him or perform any other sexual acts against her will, 4) try attempt to force, persuade or threaten her to have sexual intercourse with him or perform other sexual acts against her will.
Reproductive Health Surveys (RHS)[15]	Z] o Œ ' self reports One question	Sexual	1) made her have sexual relations when she did not want to
RHS[15]	Z] o Œ ' self reports Two questions	Sexual	1) did she ever feel forced because of fear (of her partner) to have unwanted sexual intercourse, 2) did he (they) ever use force to make her have sexual intercourse when she did not want to
RHS[15]	Z] o Œ ' self reports Two questions	Sexual	1) had unwanted sexual relations because of fear of her partner, 2) physically forced to have sexual relations when she did not want to
WHO Multi-Country Study on t } u v [• Health and Domestic Violence[16]	Z] o Œ ' self reports	Sexual	Physically forced you to have sexual intercourse wh you did not want to, did you have any sexual intercourse you did not want to because you were afraid of what he might do, did he ever force you to do something that you found degrading or humiliating.
Good Schools Study (GSS)[3]	Z] o Œ ' self reports	Sexual	International Society for the Prevention of Child Abu and Neglect Screening Tool Child Institutional (ICAST CI)

Data source	Notes	Form of Violence	Definition of violence
			1) Disturbed or bothered you by making sexual comments about you? 2) Kissed you, when you did not want them to? 3) Touched your genitals or breasts when you did not want them to, or in a way that made you uncomfortable? 4) Threaten or pressure you to make you do something sexual with them? 5) Make you have sex with them, because they threatened or pressured you? 6) Had sex with you, by physically forcing you?
Dalal, 2013[19]	Z] o Œ self reports	Sexual	The survey data collected on IPV in the recent 12 months (with the latest/current husband) were transformed into the following variable: Sexual violence: had the husband ever physically forced sex when not wanted.
Puri, 2012[23]	Z] o Œ self reports	Sexual	The dependent variable in the multivariate analysis was whether or not the individual woman reported having experienced sexual violence by her husband in the 12 months preceding the interview. This variable was based on a series of questions that were asked in the survey these questions were: Did your husband ever physically force you to have sexual intercourse with him even when you did not want to? Was there ever a time when you were afraid to say no to sex with your husband? Did your husband ever threaten you that if you didn't have sex with him he would leave or go to another woman? Did your husband ever force you to do something sexual that you found degrading or humiliating? Women who answered affirmatively to any of these questions were counted as having experienced sexual violence. Women who answered yes to any of these questions were also asked if those experiences had occurred at all in the past 12 months and if so how frequently. Women who responded affirmatively that they had experienced one or more of these acts in the past 12 months were categorized as having experienced sexual violence in the 12 months preceding the interview. Reported prevalence for 15 to 17 year olds, included in analysis as 16 years.
Zablotska, 2009[22]	Z] o Œ self reports	Sexual	Regarding sexual coercion, women were asked. Have any of your sexual partners ever physically forced you to have sex when you did not want to? (Yes/No) and In the past 12 months, how many times did your husband/ partner physically force you to have sex

Data source	Notes	Form of Violence	Definition of violence
			when you did not want to? At least one event was considered as a report of sexual coercion in the past months.

3.12 Definitions for meta-analysis of physical and emotional violence from authority figures

Data source	Notes	Form of Violence	Definition of violence
Violence against Children Surveys (VACS)[24]	Z] o Œ self reports Authority figures	Physical	Kenya: Now let us discuss persons of authority, such as teachers, police and military. 1) Has an authority figure ever punched you, kicked you, whipped you, or beat you with an object? 2) Has an authority figure ever used or threatened to use a knife or other weapon against you? Tanzania: 1) Have you ever been punched, kicked, or whipped by teachers, policemen, religious leaders, soldiers, or other authority figures? 2) Have teachers, policemen, religious leaders, soldiers, or other authority figures ever threatened to use or actually used a gun, knife, or other weapon against you? Haiti: Now let us discuss public authority figures who you should be able to trust, such as teachers, police, other security personnel such as MINUSTAH or UNPOL, religious leaders, or community leaders. 1) Has/did a public authority figure ever punch you, kick you, whip you, or beat you with an object? 2) Has/did a public authority figure ever choke you, smother you or tried to drown you? 3) Has/did a public authority figure ever burn or scald you intentionally (including putting hot pepper in your mouth or on another body part)? 4) Has/did a public authority figure ever use or threaten to use a knife or other weapon against you?
Good Schools Study (GSS)[3]	Z] o Œ self reports Teachers	Physical	International Society for the Prevention of Child Abuse and Neglect Screening Tool Child Institutional (ICAST-CI) 1) Twisted your arm or any other body part, slapped you, pushed you or thrown something at you? 2) Punched you, kicked you, or hit you with a closed fist? 3) Hit you with an object, such as a stick or a cane, or whipped you? 4) Cut you with a sharp object or burnt you?
Haavet, 2011[24]	Z] o Œ self reports Adults	Physical	Experienced physical violence from an adult in the last months.

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