Violence	Factors and measures identified in the	Factors and measures transformed for	Final factors included in
types	studies	data synthesis	the meta-regression
1) Physical	Absent father	Absent father	1. Adult in household
	- Yes, no	- No, yes	education level – No
	Absent mother	Absent mother	education
	- Yes, no	- No, yes	2. Adult in household
	• Adult in household education	• Adult in household education	education level –
	level	level	Primary level
	- No education, basic/pre-	- Tertiary level or above,	3. Child labor
	primary, primary, some	secondary level, primary level,	4. Child gender
	primary, secondary, some	no education	5. Household wealth –
	secondary, lower secondary,		First quintile
	upper secondary, tertiary, post-		6. Household wealth –
	graduate		Second quintile

Appendix C. Identified factors and measures by physical, emotional, and sexual violence types

- Non-standard curriculum		7. Household wealth –
- Specialized		Third quintile
secondary/vocational		8. Household wealth –
- None, middle, higher or		Fourth quintile
university		9. Mother education level
Child age	Child age	– No education
- 0-17 years - continuous	- 13-17, 6-12, 0-5 years	10. Mother education level
- 0-17 years - variable		– Primary education
categorical age blocks		11. Mother experienced any
Child disability	Child disability	form of intimate partner
- Yes, no	- No, yes	violence (IPV) – Yes
Child ever worked as domestic	Child labor	12. Rural residence
servant	- No, yes	
- Yes, no		
• Child ever worked for money or		
other payments		

- Yes, no	
Child gender	Child gender
- Boys, girls	- Boys, girls
Child past experience of physical	• Child past experience of physical
violence	violence
- Yes, no	- No, yes
Child past self-harm	Child past self-harm
- Yes, no	- No, yes
Child past suicide attempt	Child past suicide attempt
- Yes, no	- No, yes
Child perpetration of violence at	Child perpetration of violence
any point	- No, yes
- Yes, no	

 Child perpetration of physical of sexual violence in the past 1 months Yes, no Community average access abortion Continuous Community average access aprenatal care Continuous Continuous	2 to Community average access to health services - Continuous	
 Country average amount armed conflict Continuous Community average econom 	 armed conflict Continuous Community economic indicators 	
freedom - Continuous	- Continuous	

• Community average economic
growth
- Continuous
• Community average Gross
Domestic Product (GDP) per
capita
- Continuous
• Community average income
inequality
- Continuous
• Community average poverty
levels
- Continuous
• Community economic
development index
- Continuous

Community Human	
Development Index (HDI)	
- Continuous	
Community average life	• Community average life
expectancy	expectancy
- Continuous	- Continuous
Community average schooling	• Community average schooling
levels	levels
- Continuous	- Continuous
Community education index	
- Continuous	
Community literacy index	
- Continuous	
Community average schooling	• Community gender inequality
levels for women	indicators
- Continuous	- Continuous

Community average weeks of	
maternal leave	
- Continuous	
• Community gender inequality	
index	
- Continuous	
• Community Social, Institutional,	
and Gender index (SIGI)	
- Continuous	
Double orphan status	• Single or double orphan status
- Yes, no	- No, yes
• Single orphan status	
- Yes, no	
Father employment grade	• Father employment grade
- Professional, managerial, or	- Professional/office work, non-
administrative, agricultural	professional, unemployed

sector, domestic work, sales,	
unemployed	
• Father experience of abuse as a	• Father experience of abuse as a
child	child
- Yes, no	- No, yes
Gender of the household head	• Gender of the household head
- Man, woman	- Man, woman
Household crowding	Household crowding
- Less than 6, greater than 6	- No, yes
- Less than 5, greater than 5	
- 1-3 per room, 4-10 per room	
• Number of children in	
household	
- 1, 2-3, 4 or more	
- Average	
Household head education level	Household head education level

- No education, basic/pre-	- Tertiary level or above,	
primary, primary, some	secondary level, primary level,	
primary, secondary, some	no education	
secondary, lower secondary,		
upper secondary, tertiary, post-		
graduate		
- Non-standard curriculum		
- Specialized		
secondary/vocational		
- None, middle, higher or		
university		
Household wealth	Household wealth	
- Five wealth quintiles – richest	- Five wealth quintiles - richest	
to poorest	to poorest	
- 40% richest, 60% poorest	- 60% richest, 40% poorest	
- 60% richest, 40% poorest		

- 20% poorest, 40% middle, 40%	
richest	
Malnutrition	Malnutrition
- Continuous	- Continuous
Marital status of child	Marital status of child
- Never married, married or in a	- Never married, married or in a
marriage like relationship	marriage like relationship
Marital status of parents	Marital status of parents
- Married or in a marriage like	- Married or in a marriage like
relationship, previously	relationship, previously
married, never married	married, never married
Maternal age	Maternal age
- 15-49 years – continuous	- Older than 35, 25-35, 16-24
- 15-49 years – variable	years
categorical age blocks	

Mother education level	• Mother education level
- No education, basic/pre-	- Tertiary level or above,
primary, primary, some	secondary level, primary level,
primary, secondary, some	no education
secondary, lower secondary,	
upper secondary, tertiary, post-	
graduate	
- Non-standard curriculum	
- Specialized	
secondary/vocational	
- None, middle, higher or	
university	
Mother employment status	• Mother employment status
- Employed, unemployed	- Employed, unemployed
Mother experience of abuse as	• Mother experience of abuse as
child	child

- Yes, no	- No, yes
Mother experienced any form of intimate partner violence (IPV)	Mother experienced any form of intimate partner violence (IPV)
- Yes, no	- No, yes
- Continuous IPV experience	- Continuous IPV experience
score 0-7	score 0-7
- Frequently, sometimes, never	
• Number of adult women in	• Number of adult women in
household	household
- Continuous	- Continuous
Parental age	Parental age
- 16-24, 25-35, older than 35	- Older than 35, 25-35, 16-24
years	years
Parental disability	Parental disability

Parental mental health	Parental mental health	
- Mean – self-reporting	- Mean – self-reporting	
questionnaire-20	questionnaire-20	
Parental substance abuse	Parental substance abuse	
- Yes, no	- No, yes	
Paternal age	Paternal age	
16 24 25 25 older there 25	Older then 25 years $25, 25, 16$	
- 16-24, 25-35, older than 35	- Older than 35 years, 25-35, 16-	
years	24 years	
Place of residence	Place of residence	
- Urban, rural, camps	- Urban, rural, camps	
- Urban, rural without road, rural		
with road		
Lishon much access rung		
- Urban, rural coastal, rural		
interior		
• Policies legitimizing the death	• Policies legitimizing the death	
penalty or capital punishment	penalty or capital punishment	
r r r	F F F	

- Above average, below average	- Above average, below average
• Traded sex for goods or money	• Traded sex for goods or money
- Yes, no	- No, yes

A list of factors identified in the studies and how they were measured is included in the second column. The categories created for analysis purposes are found in the third column. The research team attempted to maintain categories that were as close as possible to the original factors and measurements found in the studies when creating cross-comparable categories. The reference group is the first measurement that appears after each factor within the third column. The list of the factors with a sufficient number of estimates to be analyzed as part of the meta-regression are included in the fourth column.

Violence	Factors and measures identified in	Factors and measures transformed for	Final factors included in
types	the studies	data synthesis	the meta-regression
2) Emotional	Absent father	• Absent father	1. Adult in household
	- Yes, no	- No, yes	education level – No
	Absent mother	Absent mother	education
	- Yes, no	- No, yes	2. Adult in household
	• Adult in household education	• Adult in household education	education level –
	level	level	Primary level
	- No education, basic/pre-	- Tertiary level or above,	3. Child gender
	primary, primary, some	secondary level, primary level,	4. Household wealth – First
	primary, secondary, some	no education	quintile
	secondary, lower secondary,		5. Household wealth –
	upper secondary, tertiary,		Second quintile
	post-graduate		6. Household wealth –
	- Non-standard curriculum		Third quintile

- Specialized		7. Household wealth –
secondary/vocational		Fourth quintile
- None, middle, higher or		8. Mother education level –
university		No education
Child age	Child age	9. Mother education level –
- 0-17 years - continuous	- 13-17, 6-12, 0-5 years	Primary level
- 0-17 years - variable		10. Rural residence
categorical age blocks		
Child disability	Child disability	
- Yes, no	- No, yes	
• Child ever worked as domestic	Child labor	
servant	- No, yes	
- Yes, no		
• Child ever worked for money		
or other payments		
- Yes, no		
	 secondary/vocational None, middle, higher or university Child age 0-17 years - continuous 0-17 years - variable categorical age blocks Child disability Yes, no Child ever worked as domestic servant Yes, no Child ever worked for money or other payments 	 secondary/vocational None, middle, higher or university Child age 0-17 years - continuous 0-17 years - continuous 0-17 years - variable categorical age blocks Child disability 0-17 years - variable categorical age blocks Child disability Yes, no Child abor Yes, no Child labor Yes, no Child ever worked for money Yes, no

Child gender	Child gender
- Boys, girls	- Boys, girls
• Child past experience of	• Child past experience of any
emotional violence	form of violence
- Yes, no	- No, yes
• Child past experience of	
physical violence	
- Yes, no	
• Child past experience of	
sexual violence	
- Yes, no	
Child past self-harm	Child past self-harm
- Yes, no	- No, yes
Child past suicide attempt	Child past suicide attempt
- Yes, no	- No, yes

Community average Gross	• Community economic indicators	
Domestic Product (GDP) per	- Continuous	
capita		
- Continuous		
Community economic		
development index		
- Continuous		
Community Human		
Development Index (HDI)		
- Continuous		
Community average schooling	Community education indicators	
levels	- Continuous	
- Continuous		
Community education index		
- Continuous		
Community literacy index		

- Continuous	
Community average life expectancy - Continuous	Community average life expectancy - Continuous
 Double orphan status Yes, no Single orphan status Yes, no 	 Single or double orphan status No, yes
 Father employment grade Professional, managerial, or administrative, agricultural sector, domestic work, sales, unemployed 	 Father employment grade Professional/office work, non- professional, unemployed
• Father experience of abuse as a child	• Father experience of abuse as a child

- Yes, no	- No, yes	
Food security	Food security	
- Food in house last week,	- Food in house last week, food	
food not in house last week	not in house last week	
• Gender of the household head	• Gender of the household head	
- Man, woman	- Man, woman	
Household crowding	Household crowding	
- Less than 6, greater than 6	- No, yes	
- Less than 5, greater than 5		
- 1-3 per room, 4-10 per room		
• Number of children in		
household		
- 1, 2-3, 4 or more		
- Average		

Household head education	Household head education level
level	- Tertiary level or above,
- No education, basic/pre-	secondary level, primary level,
primary, primary, some	no education
primary, secondary, some	
secondary, lower secondary,	
upper secondary, tertiary,	
post-graduate	
- Non-standard curriculum	
- Specialized	
secondary/vocational	
- None, middle, higher or	
university	
Household instability	Household instability
- Moved less than three times,	- Moved less than three times,
moved more than three times	moved more than three times

Household wealth	Household wealth
- Five wealth quintiles –	- Five wealth quintiles - richest
richest to poorest	to poorest
- 40% richest, 60% poorest	- 60% richest, 40% poorest
- 60% richest, 40% poorest	
- 20% poorest, 40% middle,	
40% richest	
Marital status of child	Marital status of child
- Never married, married or in	- Never married, married or in a
a marriage like relationship	marriage like relationship
Maternal age	Maternal age
- 15-49 years – variable	- Older than 35, 25-35, 16-24
categorical age blocks	years
Mother education level	Mother education level
- No education, basic/pre-	
primary, primary, some	

primary, secondary, some	- Tertiary level or above,
secondary, lower secondary,	secondary level, primary level,
upper secondary, tertiary,	no education
post-graduate	
- Non-standard curriculum	
- Specialized	
secondary/vocational	
- None, middle, higher or	
university	
Mother employment status	• Mother employment status
- Employed, unemployed	- Employed, unemployed
• Mother experience of abuse as	• Mother experience of abuse as
child	child
- Yes, no	- No, yes

Mother experienced a	
of intimate partner vi (IPV)	olence intimate partner violence (IPV) - No, yes
- Yes, no	
Parental disability	Parental disability
- Yes, no	- No, yes
Place of residence	Place of residence
- Urban, rural, camps	s - Urban, rural, camps
- Urban, rural with	out road,
rural with road	
- Urban, rural coas	tal, rural
interior	
• Quality of the	parental • Quality of the parental
relationship	relationship
- Close to parent, no	- Close to parent, not close to
parent	parent

• Traded sex for goods or money	• Traded sex for goods or money	
- Yes, no	- No, yes	

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Violence	Factors and measures identified in	Factors and measures transformed for	Final factors included in
types	the studies	data synthesis	the meta-regression
3) Sexual	Absent father	Absent father	
	- Yes, no	- No, yes	
	Absent mother	Absent mother	
	- Yes, no	- No, yes	
	Absent parent	Absent parent	
	- Yes, no	- No, yes	
	Child age	Child age	
	- 0-17 years - continuous	- 13-17, 6-12, 0-5 years	
	- 0-17 years - variable		
	categorical age blocks		
	Child disability	Child disability	
	- Yes, no	- No, yes	

Child ever worked as domestic	Child labor
servant	- No, yes
- Yes, no	
• Child ever worked for money	
or other payments	
- Yes, no	
Child gender	Child gender
- Boys, girls	- Boys, girls
Child knowledge of rights	Child knowledge of rights
- Above national average,	- Above national average, below
below national average	national average
Child level of education	Child level of education
- Completed less than	- Completed more than primary,
primary, completed more	completed less than primary
than primary	

• Child past experience of	• Child past experience of any
emotional violence	form of violence
- Yes, no	- No, yes
• Child past experience of	
physical violence	
- Yes, no	
• Child past experience of	
sexual violence	
- Yes, no	
Child past self-harm	Child past self-harm
- Yes, no	- No, yes
Child past suicide attempt	Child past suicide attempt
- Yes, no	- No, yes
Child sexual debut	Child sexual debut
- Yes, no	- Yes, no

Community levels of intimate	Community levels of intimate
partner violence (IPV) in past	partner violence (IPV) in past
year	year
- Below national average,	- Below national average, above
above national average	national average
Double orphan status	• Single or double orphan status
- Yes, no	- No, yes
Single orphan status	
- Yes, no	
Food security	Food security
- Food in house last week,	- Food in house last week, food
food not in house last week	not in house last week
• HIV prevention programs at	• HIV prevention programs at the
the national level	national level
- Yes, no	- Yes, no

Househo	old crowding	Household crowding
- 1-3 p	per room, 4-10 per room	- No, yes
• Marital	status of child	Marital status of child
- Neve	er married, married or in	- Never married, married or in a
a ma	rriage like relationship	marriage like relationship
Parenta	l knowledge of sexual	Parental knowledge of sexual
risk		risk
- Yes,	no	- Yes, no
Parenta	l substance abuse	Parental substance abuse
- Yes,	no	- No, yes
Place of	residence •	Place of residence
- Urba	ın, rural	- Urban, rural
Quality	of the parental	• Quality of the parental
relation	ship	relationship
- Close	e to parent, not close to	- Close to parent, not close to
parei	nt	parent

• School level perpetration of	School level perpetration of sexual	
sexual violence	violence	
- Below national average,	- Below national average, above	
above national average	national average	
• School levels of substance use	• School levels of substance use	
- Below national average,	- Below national average, above	
above national average	national average	
• Traded sex for goods or money	• Traded sex for goods or money	
- Yes, no	- Yes, no	

A list of factors identified in the studies and how they were measured is included in the second column. The categories created for analysis purposes are found in the third column. The research team attempted to maintain categories that were as close as possible to the original factors and measurements found in the studies when creating cross-comparable categories. The reference group is the first measurement that appears after each factor within the third column. The list of the factors with a sufficient number of estimates to be analyzed as part of the meta-regression are included in the fourth column.