

The Reconciliation Attitudes of Former Child Soldiers in Northern Uganda

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Received Date: July 8, 2014, Accepted Date: September 23, 2014, Published Date: September 30, 2014

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Abstract

Introduction: While the reintegration processes of former child soldiers have been widely studied, little attention has been paid to their reconciliation attitudes, and in particular possible associations between these reconciliation attitudes and different risk factors. Therefore, this study examined reconciliation attitudes of formerly abducted adolescents living in post-conflict Northern Uganda, compared to non-conscripted youth, and possible associations with war-related stressful experiences and daily stressors.

Methods: Four hundred forty five war-affected adolescents living in Northern Uganda were included, of which 214 (48.1%) were formerly abducted. All completed questionnaires on exposure to stressful war experiences (Stressful War Events Questionnaire), daily stressors (Adolescent Complex Emergency Daily Stressors Scale), and attitudes towards reconciliation (Openness to Reconciliation Questionnaire). Associations between several socio-demographics, war-related and daily stressors and reconciliation attitudes were explored using hierarchical linear regression models.

Results: Findings showed that conscripted youth experienced more stressful war experiences and daily stressors than non-conscripted youth, and that they scored higher on the different reconciliation attitudes (goodwill attitudes, positive feelings towards the future, feelings of avoidance and of revenge). Having been recruited as child soldier was associated with more revenge attitudes compared to non-abducted children, and girls showed more goodwill attitudes than boys. Above, a larger exposure to war-related and daily stressors was associated with overall higher reconciliation attitudes, although particular interaction effects showed complex relationships here.

Conclusion: Overall war-related stressors, daily stressors and, to a lesser degree, abduction status and gender are associated with reconciliation attitudes. The findings have implications for agencies working to promote post-conflict recovery among war-affected children.

Keywords: Child soldiers; Reconciliation attitudes; War-related stressors; Daily stressors

Introduction

In Uganda, up till 2006, thousands of children were exposed to experiences of child soldiering. Most of them were abducted by the rebels of the Lord's Resistance Army (LRA) that had been fighting against the Ugandan government. In captivity, the children had to endure various difficult experiences related to war. These included serving as porters, sexual and domestic servants, fighting, and witnessing or committing horrific injuries on others, including mutilation and killing of civilians [1-7]. Returning home, the former child soldiers had to deal with a lot of stress on daily basis. Some of such stress concerned fact that they-forcibly-went through a range of extremely difficult experiences, hereby also having lost many things in their lives, such as education, schooling, and family life [8-10]. Moreover, back home, they often encounter a huge hostility towards them from the society in which they want to reintegrate [11]. This can be induced by, amongst other reasons, the extreme atrocities these

former child soldiers (forcibly) committed against civilians, because they return with children resulting from sexual violence, or because of the psychological problems they still show [12-15].

Though many studies have looked at the reintegration processes of formerly abducted children [6,16], few studies have explored their attitudes towards reconciliation. For example Bayer, Klasen and Adam [4], believing that rebuilding war-torn societies involves understanding how psychological trauma may shape former child soldiers' ability to reconcile, investigated and found associations between posttraumatic stress disorder (PTSD) symptoms and openness to reconciliation and feelings of revenge in 169 former child soldiers (aged 11-18 years) in rehabilitation centers in Uganda and the Democratic Republic of the Congo. However, their focus was mainly on PTSD symptoms and did not explore the possible influence of stressful war-related experiences and daily stressors on the children's feelings of reconciliation. Moreover, this study didn't investigate possible differences between abducted children and their never conscripted counterparts.

Given former child soldiers' forced nature of abduction in Northern Uganda and their horrific experiences, the losses they suffered as well as the stigmatization and exclusion they experienced upon return, the question whether or not this range of war-related traumatic events (including child soldiering) and daily stressors might impact the reconciliation attitudes they hold is still unanswered. This study therefore will examine reconciliation attitudes of former child soldiers in comparison with a group of non-conscripted youth, and possible associations between their attitudes towards reconciliation and the war-related traumatic events and daily stressors they endured and still are confronted with.

Methods

Study setting and sample

The study was approved by the Ugandan National Council for Science and Technology (UNCST), the Ethical Committee of Ghent University, and local leaders (Resident District Commissioner, sub-county chiefs, Local Council chairpersons and the head teachers of the schools involved).

Four hundred forty five adolescents, both school-going and out-of-school youths, originating from two communities in Otuke district, Northern Uganda were included in the study. For the school-going children, the study was carried out in the secondary schools in each community (n=2). In these schools, all 13- till 21-years old pupils who were available at the time of the study (n=286 out of a total of about 560 students; 187 out of 400 from Adwari secondary school and 99 out 160 from Otuke secondary school) were involved. Additionally, out-of-school adolescents (n=151) who met the inclusion criteria (aged between 13 and 21 years and living in one of the two targeted communities) were selected. Local leaders helped to mobilize and direct possible participants to the data collection centers identified within the communities.

Of all 445 participants, 214 (48.1%) were former child soldiers, while 231 (51.9%) did not report having been conscripted by the LRA. The two groups differed on some socio-demographic characteristics: less former child soldiers live together with both parents, less are involved in schooling, and more often their father is deceased (table 1).

		Total group (n=445)	Former child soldiers (n=214)	Non-abducted children (n=231)	² /t
Gender	Male	277 (62.2)	139 (65.0)	138 (59.7)	1.07
	Female	168 (37.8)	75 (35.0)	93 (40.3)	
Lives with	Both parents	222 (49.9)	87 (40.7)	134 (58.3)	13.7***
	Others	223 (50.1)	127 (59.3)	96 (41.7)	
Educational status	Student	286 (65.4)	125 (60.4)	161 (70.0)	4.04*
	Non-student	151 (34.6)	82 (39.6)	69 (30.0)	
Father's status	Alive	284 (63.9)	112 (52.6)	172 (74.5)	22.07***
	Deceased	160 (36.1)	101 (47.4)	59 (25.5)	
Mother's status	Alive	353 (79.7)	166 (77.9)	188 (81.3)	0.62
	Deceased	90 (20.3)	47 (22.1)	43 (18.7)	
Religion	Christian	439 (98.9)	210 (98.1)	229 (99.6)	5.12
	Others	5 (1.1)	4 (1.9)	1 (0.43)	
Age[†]		17.05 (1.88, 13-21)	17.04 (1.88, 14-21)	17.05 (1.90, 13-21)	0.03

n(%); †years: mean (SD, range)
*p < .05, ***p < .001.

Table 1: Socio-demographic characteristics of abducted and non-abducted children

Four local research assistants, all trained during three days in questionnaire administration techniques, helped with administering the questionnaires. Firstly, participants were explained the study objectives, and assurance to withdraw freely at any time was given. Participants were also informed that clinical psychiatric officers from Lira Regional Referral Hospital could provide further psychological or medical support, whenever needed. Written informed consent was obtained, and thereafter, the participants completed, in small groups

under supervision of the research assistants, self-report questionnaires, either in Lango or English. In case of illiterate participants, research assistants read out questionnaires aloud, and recorded the responses.

Measures

First, a series of closed questions was used to assess socio-demographic characteristics (gender, age, parent's still alive, living situation (both parents, one parent, somebody else).

Stressful war-related experiences were assessed by the Stressful War Events questionnaire (SWE) [17], questioning 16 war-related events on a yes/no scale.

Third, daily stressors were questioned with the Adolescent Complex Emergency Daily Stressors Scale (ACEDSS) [18], asking to indicate whether or not (yes/no) they experienced 17 different daily and stigmatization-related stressors (e.g., lack of food and medical care, forced marriage, rejection by family).

Fourth, the Openness to Reconciliation Questionnaire (Adam, Unpublished habilitation, 2006) assessed the readiness for reconciliation and making peace. When completing the questionnaire, participants were instructed to think about the person or group that harmed them or their family during and/or after the war. The total score includes 33 items with four subscales: goodwill (8 items, e.g., 'I can sympathize with the enemy'); avoidance (8 items, e.g., 'I would never talk with the adversary'); revenge (8 items, e.g., 'I'll pay the opponents one day'); and, future orientation (9 items, e.g., 'I try to focus on the future'). The items are presented on a Likert-scale from 1 (totally incorrect) to 5 (entirely correct). For the subscales 'goodwill' and 'future orientation', higher scores indicate more positive attitudes, while for the subscales 'revenge' and 'avoidance', higher scores indicate more negative attitudes. The internal consistency of the sub-scales (Cronbach's alpha) was found to be good: goodwill: 0.79; avoidance: 0.70; future orientation: 0.73; and revenge: 0.77.

Analyses

Differences between both groups (former child soldiers and non-abducted participants) were analyzed with χ^2 - and independent samples t-tests. Four hierarchical linear regression models (method: enter) were carried out to analyze possible associations between a series of independent variables (socio-demographics, child soldiering experiences or not, total number of war-related traumatic events, and total number of daily stressors), and reconciliation attitudes (four subscales); the interaction effect between war-related and daily stressors was also added as independent variable. For each of the four reconciliation attitudes, a model with the demographic variables was defined as a first step; secondly, the main term war-related stressor was added; thirdly, the main term of daily stressors was added; and, finally, the interaction between war-related and daily stressors was added. The bootstrap-procedure was used to estimate standard errors as implemented in the Lavaan-package [19] to estimate the indirect and total effects when the conditions for mediation were fulfilled. To avoid multicollinearity, the variables daily stressors and war-related stressors were centered. Factors were dummy-coded. R 2.14.1 software was used to conduct all analyses [20], and alpha was set at .05.

Results

War-related and daily stressors

	Total group (n=445)	Former child soldiers (n=214)	Non-abducted children (n=231)	χ^2/t
Death of a loved one	404 (91.2)	202 (94.4)	202 (88.2)	4.53 [*]
Forceful separation from family	282 (63.8)	158 (74.5)	124 (53.9)	19.42 ^{***}
Life in IDP camp	320 (72.7)	189 (89.6)	131 (57.1)	57.18 ^{***}
Witnessing violence against others	311 (70.7)	176 (83.4)	136 (59.1)	30.19 ^{***}
Victim of violence	189 (42.7)	123 (57.7)	67 (29)	36.23 ^{***}
Forced to commit violence	165 (37.4)	115 (54)	51 (22.3)	46.00 ^{***}
Lack of food and water	358 (80.6)	185 (88.9)	168 (72.7)	18.41 ^{***}
Lack of education	342 (77.4)	184 (86.8)	158 (68.7)	19.84 ^{***}
Lack of medical care	378 (85.5)	192 (90.6)	187 (81)	7.51 ^{***}
Lack of jobs and income	357 (80.8)	184 (86.8)	174 (75.3)	8.65 ^{**}
Wounded or disabled	240 (54.3)	142 (66.7)	99 (42.9)	23.94 ^{***}
Life on streets	185 (42.0)	113 (53.3)	73 (31.7)	19.85 ^{***}
Fear of LRA rebels	379 (85.6)	201 (93.9)	179(77.8)	22.00 ^{***}
Feeling of not being accepted	258 (58.1)	153 (71.5)	106 (45.8)	28.90 ^{***}
Responsibility for other children	224 (50.7)	122 (57.5)	103 (44.4)	6.92 ^{**}
Total number of stressful war experiences [†]	11.41 (3.11)	13.36 (2.93)	9.46 (3.40)	-12.8 ^{***}
N(%) answering "yes" to a particular item; †mean (SD)				
*p < .05, **p < .01,***p < .001.				

Table 2: Stressful war-related experiences of abducted and non-abducted children (SWE)

Overall, former child soldiers experienced all types of war-related stressors more frequently than non-abducted children (Table 2).

	Total group (n=445)	Former child soldiers (n=214)	Non-abducted children (n=231)	² t
Feeling of insecurity	381 (85.8)	191 (89.3)	191 (82.7)	3.42 [*]
Problems with school fees	381 (85.8)	190 (88.8)	192 (83.1)	2.49
Inadequate food	356 (80.2)	188 (87.9)	169 (73.1)	14.20 ^{***}
Inadequate clothing	380 (85.6)	195 (91.1)	186 (80.5)	9.30 ^{***}
Illness in family	390 (88.0)	191 (89.7)	200 (86.6)	0.73
Lack of care	359 (80.9)	181 (84.6)	179 (77.5)	3.17
Worry about family	365 (82.2)	190 (58.8)	176 (76.2)	11.22 ^{***}
Too much work	320 (72.4)	164 (77.0)	156 (68.1)	4.19 [*]
Punishment	272 (61.7)	146 (68.5)	127 (55.4)	7.46 ^{**}
Others talking ill of you and family	333 (75.3)	166 (77.9)	168 (73)	1.17
Discriminated against	271 (61.3)	144 (67.9)	128 (55.3)	6.79 ^{**}
Persecution by bad spirits	194 (43.7)	110 (51.4)	85 (36.8)	9.04 ^{**}
Feeling abandoned by family	171 (38.5)	96 (44.9)	75 (32.6)	6.70 ^{**}
Feeling abandoned by society	155 (35.1)	87 (41.0)	68 (29.6)	6.04 ^{**}
Forced into marriage	123 (27.7)	73 (34.1)	51 (21.8)	7.42 ^{**}
Do not know father	127 (28.7)	68 (31.9)	609 (25.8)	1.63
Disagreement with family	137 (30.9)	72 (33.6)	65 (28.3)	1.33
Total number of daily stressors [†]	10.67 (3.99)	11.49 (3.68)	9.85 (4.43)	-4.21 ^{***}

N(%) answering "yes" to a particular item; [†]mean (SD)
^{*}p < .05, ^{**}p < .01, ^{***}p < .001.

Table 3: Exposure of abducted and non-abducted children to current daily stressors (ACEDSS)

	Total group (n=445)	Former soldiers (n=214)	child Non-abducted children (n=231)	T
Goodwill	21.54 (7.23)	22.46 (6.72)	20.71 (7.57)	-2.55 [*]
Future orientation	20.05 (6.82)	20.83 (6.53)	19.32 (7.02)	-2.30 [*]
Avoidant	13.73 (7.12)	14.91 (7.02)	12.65 (7.06)	-3.35 ^{**}
Revenge	11.13 (8.17)	12.67 (8.61)	9.69 (7.48)	-3.87 ^{**}
Mean (SD)				
[*] p < .05, ^{***} p < .001.				

The same tendency, although less outspoken, was found for daily stressors, where former child soldiers were more often confronted with different types of daily stressors than non-abducted children (Table 3).

Reconciliation attitudes

Overall, the former child soldiers reported higher scores on the Openness to Reconciliation Questionnaire than non-conscripted participants: they showed more goodwill attitudes and more positive attitudes towards the future, and at the same time, they also reported more avoidance and revenge attitudes than non-conscripted youths (Table 4).

Factors impacting reconciliation attitudes

Table 4: Children's reconciliation attitudes (goodwill, future orientation, avoidant, and revenge attitudes) as measured by the Openness to Reconciliation Questionnaire

	Goodwill		Future		Avoidant			Revenge	
	B	ΔR^2	B	ΔR^2	B	ΔR^2	B	ΔR^2	
Gender (ref=male)	-1.48*	0.04***	-1.29	0.04**	-1.16	0.07***	-0.27	0.05***	
Age	0.27		0.23		0.31		0.23		
Abducted (ref=yes)	0.72		0.82		0.94		2.66**		
Living status(ref=other)	F(2,402) < 1		F(2,399) < 1		F(2,402) < 1			F(2,406) < 1	
Both parents	0.52			-0.23		0.36	-0.33		
One parent	-0.31			-0.69		0.48	1.02		
War-related stressors	0.28*		0.02**	0.19	0.01*	0.24*	0.04***	-0.13	0.00
Daily stressors	0.19*		0.00	0.16	0.00	0.40***	0.04***	0.50***	0.04***
War*daily stressors	0.06**		0.02**	0.05**	0.02**	0.00	0.00	0.02	0.00

Ref=reference; War*daily stressors: interaction term war-related traumatic events * daily stressors
*p < .05, **p < .01, ***p < .001.

Table 5: Factors impacting reconciliation attitudes; Four hierarchical regression models (method: enter) with ‘goodwill attitudes’ (‘goodwill’), ‘positive attitudes towards the future’ (‘future’), ‘attitudes of avoidance’ (‘avoidance’) and ‘attitudes of revenge’ (‘revenge’) (as measured on the Openness to Reconciliation Questionnaire) as dependent variables.

Having experienced forced conscription significantly impact attitudes of revenge, with children abducted during the war reporting significantly higher scores than those who were never abducted. No significant impact of child soldiering was found on the other reconciliation subscales.

Gender was significantly associated with goodwill attitudes, with higher scores for girls than for boys. No differences were found in reconciliation attitudes related to participants’ age or their living situation (with one or both parents or somebody else).

Participants who experienced a high number of war-related stressors also reported more attitudes of goodwill, although we need to take into account that there was also an interaction effect of war-related and daily stressors in this model (cf. infra). Besides, war-related stressors also impacted attitudes of avoidance, with higher war-related stressors leading to higher scores of avoidant attitudes.

The number of daily stressors experienced showed an important impact on reconciliation attitudes: all subscales, except ‘orientation towards the future’, showed significant associations with the number of daily stressors (with a higher number leading to higher scores on the subscales), although for the subscale ‘goodwill’, we need to cautiously interpret these results, given that also an interaction effect with war-related trauma was found.

Last, for the subscales ‘goodwill’ and ‘positive orientation towards the future’, an interaction effect was found for the number of war-related and daily stressors: A negative relation between goodwill/future orientation and war-related stressors is observed for adolescents who experienced less daily stressors, meaning that these adolescents showed less goodwill/a more negative future orientation the more war-related stressors they had experienced. On the other hand, adolescents who experienced a lot of daily stressors were showing more goodwill/a more positive future orientation the more war-related stressors they had experienced.

Discussion

The study examined reconciliation attitudes of Northern Ugandan former child soldiers in comparison with a group of non-conscripted youth, and assessed possible associations between these attitudes towards reconciliation, and the war-related traumatic events and daily stressors they endured and still are confronted with. Our findings indicate that former child soldiers overall showed more reconciliation attitudes, both ‘positive’ (a more positive orientation towards the future, more goodwill attitudes) and ‘negative’ (more attitudes of avoidance and revenge) in comparison to youths who were never abducted, although hierarchical regression analyses only gave evidence for higher attitudes of revenge. This latter finding can be related to the fact that these former child soldiers were abducted, so recruited against their will, which might lead to higher feelings of revenge afterwards, when being returned back home. A recent study indicated that many child soldiers in northern Uganda perceive themselves as victims [21], or people who because of past experiences of misfortune feel helpless to remedy it [22], Revenge attitudes may arise when a child is hurt and suppresses the rage [23], or may form an attempt to counteract the powerlessness, shame, and isolation possibly associated with the trauma experience [24,25], here in particular the child soldiering experiences. Feelings of revenge may also arise out of perception of unfairness [26] or when the victim is unable to mourn all losses (s)he is confronted with [27]. Further, the high levels of stigmatization – and related difficult living circumstances – former child soldiers are confronted with when returning back home [11] could also induce higher feelings of revenge. This relates to the clear association that was found between attitudes of revenge with daily stressors: the more daily stressors the adolescents experienced, the higher their revenge attitudes. The importance of the post-conflict context, and the long-lasting impact of armed conflicts onto daily living conditions are herewith clearly stressed again, now also related to its possible impact on post-conflict societal reconstruction and

peace-building, possibly through its impact onto young people's attitudes of revenge.

Also attitudes of avoidance were associated with war-related and daily stressors. This could be related to higher levels of avoidant coping when confronted with traumatic events [28,29]. Above, one of the known mental health outcomes of exposure to war-related stressors is symptoms of posttraumatic stress [4], which include symptoms of avoidance. Above, daily stressors have been found to mediate the effects of war-related stressors [30] to produce posttraumatic stress reactions in victims. Since our study participants were exposed to a wide range of both war-related and daily stressors, it is not surprising that they also reported attitudes of avoidance. Above, particularly for former child soldiers, the challenges of resettling in the community after abduction may necessitate the use of avoidant attitudes as a coping method to overcome the hostile attitudes of the community [31,32].

Further, although not confirmed in the hierarchical regression analyses, we found a tendency that, next to negative reconciliation attitudes, former child soldiers also reported more positive reconciliation attitudes. Above, also for these positive reconciliation attitudes, we found high associations with war-related and daily stressors. Possible explanations for this finding could be that exposure to stressors (suffering) may lead to personal gain [33,34], raising possibilities for personal growth [35]. People might also be largely resilient in face of exposure to trauma [36,37]. Further, exposure to stressors might promote increased empathy and understanding of oneself and other people, hereby stimulating the emergence of pro-social behavior [33,34,38-44], which basis lies in positive mind state or attitudes [45]. Other studies reported that exposure to trauma motivates victims work towards prevention of future suffering [31,46]. Another argument is that exposure to in particular war-related stressors does not necessarily increase the level of hostility in the victims: for example Annan, Brier and Aryemo [31] and Blattman and Annan [32] found that abducted and non-abducted youth showed similar hostility levels, suggesting they still possess the ability to show positive attitudes. Further, it has been noted that with the passage of time, effects of war-related stressors lessen on their own [47], thus allowing for positive attitudes to emerge, despite adverse experiences.

The interaction of exposure to war-related and daily stressors was also associated with reconciliation attitudes. On the one hand, children reported less goodwill/more negative future orientation if they were exposed to more war-related stressors but less daily stressors. Similar findings were made among youth living in post-conflict situation [48]. On the other hand, children exposed to more daily stressors showed more goodwill/more positive future orientation if they were also exposed to more war-related stressors. Contrary to this finding, daily stressors have been found to mediate the relation between war-related stressors and psychological distress [49]. The possible influencing impact of social support, known to have a positive impact on the development of conciliatory attitudes might form an alternative explanatory hypothesis here [49,50].

Last, female adolescents were more likely than males to display goodwill attitudes. One hypothesis here is that female adolescents, when faced with interpersonal relationship challenges, tend to show more coping efforts than males [51], and tend to use prosocial, assertive and empathic coping strategies [52], indicating a predisposition towards positive reconciliation attitudes under stressful situations.

Implications

The study demonstrates that reconciliation attitudes are linked with adverse experiences, including war-related and daily stressors. Efforts aiming at post-conflict recovery and overall societal post-conflict reconstruction therefore need not only to tackle directly reconciliation attitudes, but also need to impact the broader post-conflict context, reducing daily struggles and improving overall living conditions. Above, reconciliation attitudes need to be viewed in a broad spectrum of both positive and negative attitudes, which should all be addressed. Third, particular attention is needed for the huge attitudes of revenge that former child soldiers might seem to endure, through individual, familial and group counseling by integration of particular reconciliation initiatives into the counseling and psychological support. Last, more research is needed to further our understanding of these findings, through longitudinal research, and to further deepen the understanding of possible associations with other risk factors, such as mental health problems.

Limitations

The findings of this study need to be viewed in the light of the following limitations. The procedures used in the study generated self-reported data and may have introduced social desirability biases in the responses obtained. Above, we had no information about possible documented diagnoses of psychiatric illnesses in participants or about possible drug use in our study group. Moreover the sample involved in this study consisted of children living in post-conflict areas of northern Uganda, which may affect generalizability to other populations and contexts. Lastly, the study was cross-sectional, rendering it difficult to impute causal and temporal relationships among the variables involved.

Acknowledgements

We want to thank all participants.

This study was carried out with the financial support of the Belgian Technical Cooperation.

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