# VERSIÓN FINAL ACEPTADA

# CHILDHOOD SEXUAL AND FAMILY VIOLENCE AND ADULT VICTIMIZATION

# AMONG WOMEN EXPERIENCING HOMELESSNESS IN ARGENTINA

Malena Lenta<sup>1</sup>, Jorgelina Di Iorio<sup>2</sup>, Adrián Cabrera<sup>3</sup>, José Juan Vázquez<sup>4</sup>

1. ORCID ID: 0000-0002-7761-3329, Dpt. Preventive Psychology, Universidad de Buenos Aires/CONICET, Buenos Aires. Argentina. Universidad de Alcalá de Henares. Alcalá de Henares. España. Postal address: La Rioja 572 dto. 5, CP. 1221 Ciudad autónoma de Buenos Aires. Argentina. Cellphone: +5491144171396. E-mail: <u>malenalenta@psi.uba.ar</u>

2. ORCID ID: 0000-0003-3714-7340, Dpt. Social Psychology. Universidad de Buenos Aires/CONICET. Buenos Aires. Argentina. E-mail: <u>diiorio.jorgelina@gmail.com</u>

ORCID ID: orcid.org/0000-0002-6043-4666, Dpto. Economy, Universidad de Alcalá.
 Alcalá de Henares, Spain.

E-mail: adrian.cabrera@uah.es

4. ORCID ID: orcid.org/0000-0003-4601-1920, Dpto. Social Psychology, Universidad de Alcalá. Alcalá de Henares, Spain. E-mail: jj.vazquez@uah.es

# Data availability statement

The data that support the findings of this study are available from the corresponding author upon reasonable request.

#### **Conflict of interest disclosure**

Authors have no conflicts of interest

# **Ethics approval statement**

The study was conducted in compliance with the Internal Review Board [Comité de Ética de

Investigación y Experimentación Animal] of the University of Alcalá (Ref. CEIP/2021/2/027).

# Patient consent statement

The informed consent of interviewed were requested for participation in the study.

# Permission to reproduce material from other sources

Not applicable

# **Clinical trial registration**

Not applicable

# Acknowledgments

This research was supported by "Ministerio de Ciencia e Innovación" of Spain (PID2019-

104152GB-I00/AEI/10.13039/501100011033).

#### Abstract

The article analyses the suffering from sexual and family violence situations during childhood and adolescence and its impact in the processes of victimization in adult life in women experiencing homelessness in the city of Buenos Aires (Argentina). The study sampled 72 women who were selected using the snowball technique. Information was gathered using structured interviews and statistical analysis. Violence experienced in early age is associated with traumatic events after the age of 18, which may influence the persistence of homelessness. It is essential to establish gender-informed public policies from childhood to mitigate revictimization and prevent social exclusion.

**Key words:** Child sexual abuse; Childhood family violence; Victimization, Homelessness; Social Exclusion; Gender.

#### Introduction

The problem of homelessness, despite being a systemic structural issue, tends to be largely perceived by society as a problem of an individual nature, and there is a tendency to hold people experiencing homelessness responsible for their situation. People experiencing homelessness represent one of the most extreme manifestations of the phenomenon of poverty and social exclusion (Leonori et al., 2000). Women experiencing homelessness are made up a particularly vulnerable group, with different characteristics, necessities, and life trajectories than men (Vázquez et al., 2019, 2022; Wolf et al., 2016). In research focusing on homelessness, women are often under-represented, and gender issues in this group are underresearched (Mayock & Bretherton, 2016; Suarez et al., 2018). The absence of research on women experiencing homelessness is connected to the gendered social structure that assigns contrasting roles to men and women. This issue is evident in the context of homelessness, where the patriarchal sexual division of spaces persists (Ciapessoni, 2019).

Different studies pointed out that people experiencing homelessness are exposed to a large number of situations of physical and sexual violence, quantitatively more meaningful than those suffered by the general population, both during their childhood (Calvo et al., 2022; Lenta et al., 2022; Panadero et al., 2018; Rodríguez-Moreno et al., 2021a; Cutuli et al., 2017) and adulthood (Rodríguez-Moreno et al., 2021b; Guillén, et al., 2024; Vázquez et al., 2019). Experiencing physical and/or sexual abuse during childhood (e.g. Cutuli et al., 2017; Guillén et al., 2024; Lenta et al., 2022; Liu et al., 2022), as well as impaired or neglectful parenting (e.g. Cutuli et al., 2017; Lenta et al., 2022, 2023; Manyema et al., 2018; March-Llanes et al., 2017; Vázquez et al., 2023) can have severe consequences.

The scientific literature indicates that women experiencing homelessness are exposed to high levels of physical and sexual violence from a very early age (Di Iorio, 2022; Hatch &

Dohrenwend, 2007; Lenta et al., 2022; Rodríguez-Moreno et al., 2021a; Sundin & Baguley, 2015; Vázquez & Panadero, 2019). Studies in different cultural contexts have pointed out that 30%-75% of women experiencing homelessness had suffered physical abuse (Rodríguez-Moreno et al., 2021b; Lenta et al., 2022; Vázquez et al., 2023) and/or sexual abuse (Rodríguez-Moreno et al., 2021b; Lenta et al., 2022; Tyler & Schmitz, 2018; Vázquez et al., 2023) during their childhood having a negative impact on their sliding into and staying homelessness. As Alonso et al. (2020) argue, these circumstances lead women to early estrangement and even to the rupture of ties with their family of origin. Often this deprives them of housing or creates a situation of chronic housing instability (Di Iorio, 2022; Lyon, 2016; Gonyea & Melekis, 2017).

Furthermore, Núñez Matus (2013) and Alonso et al. (2020) suggest that the separation of women experiencing homelessness with their families of origin does not imply that they problematize the violent relationships they experienced as children. They often do not receive the necessary support and the coping strategies they develop may be more avoidance, escape and hypervigilance rather than positive re-signification or agency (Miranda et al., 2023). As a result, many women face social subordination, economic and emotional dependence and the need for protection from their partners when they try to start a new life. It is due to the patriarchal matrix that shapes their gender socialization and put them in a passive position (Matulic et al., 2020; Chambers et al., 2014).

Several studies (McCabe et al., 2022; Carillo Beck et al., 2022; Flynn et al., 2023; Whitfield, 1998) have shown that being exposed to multiple critical life events, particularly those linked to sexual and familiar violence during childhood, is associated with problematic use of alcohol, tobacco and other psychoactive substances in adult women. These behaviors are related to mental health problems and difficulties in maintaining stable and healthy

relationships with work, accommodation, partners and peers, which inhibit the potential for self-sufficient life trajectories. These behaviors often lead to increased vulnerability and the perpetuation of abusive gendered attachment patterns (Gámez, 2018). This issue may play a role in women experiencing homelessness having higher rates of physical and sexual abuse than women in the general population (Vázquez et al., 2019, 2023).

Victimization refers to the process by which a person becomes a victim of a criminal or unjust act, resulting in physical, emotional or social harm (Panadero & Vázquez, 2022). Studies in different contexts (Song et al., 2021; Broll & Huey, 2020; Edalati & Nicholls, 2019; Ciapessoni, 2019) agree that childhood victimization of women experiencing homelessness (especially associated with physical and sexual abuse) has an impact on developing depressive symptoms in adulthood and different risk behaviors such as excessive substance use, survival sex, among others. Positive social support can significantly mitigate the consequences of experiencing violence in childhood and adulthood (Herman et al., 1997). Together with the development of targeted policies, this could act as a protective factor to reduce re-victimization processes.

In Argentina, it is known that women experiencing homelessness who spend the night on the streets, in public spaces, in shelters, in social integration centers or in other care facilities for people experiencing homelessness account for around 26.5% of the total number of people in this situation by 2023 (DGEyC, 2023). However, the specific scientific literature which could show some others characteristic or needs about women experiencing homelessness is scarce in this country. This paper aims to analyze the exposure of adult women experiencing homelessness in Buenos Aires, Argentina, to sexual and family violence in childhood and adolescence, as well as the implications of this exposure for victimization processes in adulthood.

#### Method

72 women experiencing homelessness, including 67 cisgender and five transgender individuals, were surveyed in District 1 (62.5%) and District 3 (37.5%) of the city of Buenos Aires (Argentina). The highest concentration of homeless individuals is found in these central districts. To access the interviewed women, we employed snowball sampling, supported by key informants such as people living homeless, and people affiliated with social organizations that offered care to people who live in homeless. First, we made contact with each woman experiencing homelessness. Secondly, we explained the research objectives and asked for their informed consent to take part in the study. The information was collected through a structured interview conducted by a third party, which made it possible to overcome any problems arising from the respondents' reading and/or comprehension difficulties.

The structured interview used was a gendered version of an instrument used in previous studies of people experiencing homelessness in Spain and Latin America (e.g. Guillén et al., 2020; Lenta, 2023; Panadero et al., 2018; Rodriguez-Moreno et al., 2021a; Vázquez, 2019), adapted to the fact that the interviewees were women. Thus, the interview paid more attention to issues that affect women in a particular way, mainly related to suffering specific stressful life events (e.g. sexual assault, sexual exploitation, unwanted pregnancy...), women's health issues, working conditions, gender-based violence or motherhood. The structured interview collected information on 474 variables and took between 45 and 80 minutes. The study was conducted in compliance with the Internal Review Board [Comité de Ética de Investigación y Experimentación Animal] of the University of Alcalá (Ref. CEIP/2021/2/027).

The participants surveyed had a mean of 42.9 years old (SD=15.21), with 25% being below 30 years old and another 25% being over 53 years old. The majority were single (62.5%, n=45), and 58.3% (43) had given birth - with an average of 3.6 children (SD=1.83) - while 22.2% (16) reported cohabitating with their children. 9.7% (n=7) of the people interviewed were foreigner nationalities. 2.8% (n=2) had not completed their primary education, while 62.5% (n=45) had completed primary education, 25% (n=18) had completed secondary education, 5.6% (n=4) reported having non-university higher education and 4.2% (n=3) reported having university education. In the month preceding the interview, 51.4% (n=37) had spent nights outdoors, 65.3% (n=47) had spent nights in unsuitable spaces to sleep and 45.8% (n=33) in shelters. Participants first experienced homelessness at an average age of 32.2 years (SD=17.084), spending a mean of 41.6 months (SD=56.998), or 3.5 years, without a home. Objective data indicated that none of the participants reported consistent use of alcohol, cocaine, or heroin. However, 5.6% (n=4) frequently used marijuana, and 1.4% (n=1) informed regularly using cocaine paste or "paco".

The database was compiled and processed using the SPSS 22 statistical analysis and data management system and the Stata 18 software. For comparisons, the "Chi-square" statistic  $\chi 2$  was used for nominal variables and "Student's t-tests for independent samples" for continuous variables. The effect sizes were also calculated using Cohen's d for quantitative variables and the Phi coefficient ( $\varphi$ ) for nominal variables. To analyze the relationships between different situations of violence experienced by the participants, a Path Analysis (PA) using Structural Equation Modelling (SEM) was carried out. A distinction was made between situations of violence experienced before the age of 18 (sexual abuse and family violence), situations of violence experienced throughout life (intimate partner violence, sexual assault over 18 years old, survival sex, and physical violence over 18 years old) and other life

circumstances faced throughout life (excessive drug consumption, unintentional pregnancy, drunk too much at some point in their life, and serious illnesses, injuries or accidents). All variables included in the model were dichotomous, taking the value '1' if a particular situation had been experienced and '0' otherwise. Finally, the risk of experiencing different life situations was analyzed between women who "suffered from sexual abuse before they were 18 years old" and those who had not, and between women who "suffered from family violence before they were 18 years old" and those who had not. We computed the odds ratios with 95% confidence intervals by standard methods.

#### Results

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Table 1 about here

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As shown in Table 1, 63.9% (n=46) of the mothers of the women interviewed had experienced intimate partner violence (IPV) and 79.2% (n=57) of the women interviewed had lived in households with family violence problems when the interviewees were (on average) less than 3 years old. 76.4% (n=55) of the women interviewed had experienced physical abuse during their childhood and adolescence and had experienced violence in their family of origin for the first time at an average age of 6 years. Also, 56.9% (n=41) of the women interviewed experienced sexual abuse before they were 18 years old, both by family members and by people outside their family for the first time at an average age of 9-10 years old.

83.2% (n=60) reported having experienced "physical abuse" or "sexual abuse" (at least one of the two) before they were 18 years old. 50.0% (n=36) of the women indicated having experienced "physical abuse" and "sexual abuse" (both) before 18 years old.

Table 2 about here

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Table 2 shows that 54.2% (n=39) of the women had suffered sexual assault when they were over 18 years old. In this regard, 44.4% (n=32) had been sexually assaulted by a partner, mainly before becoming homeless, but also, to a large extent, after becoming homeless. More than a third had been sexually assaulted by people outside their family, both before and after they became homeless. In addition, 75% (n=54) of the respondents had experienced intimate partner violence and 79.2% (n=57) had suffered from physical violence over 18 years old, in both cases mainly before they were homeless, but also after they had been homeless. 11.1% (n=8) of the women were in prostitution situation mainly after being homeless, and 54.2% (n=39) had had survival sex (exchange of sex for shelter, food, drugs, etc.), both before and after being homeless.

Figure 1 about here

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Table 3 about here

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Figure 1 and Table 3 show that having suffered from "Sexual abuse before 18 years old" increases the likelihood of having suffered from a life-long "Sexual assault over 18 years old", "IPV", "Physical violence over 18 years old", "Survival sex", "Excessive alcohol consumption", "Serious illness, injury or accident" and "Unintentional pregnancy". For their part, having suffered from "Family violence before 18 years old" increases the likelihood of

having suffered from a life-long "Sexual assault over 18 years old", "Drunk too much at some point in their life", "Excessive drugs consumption", "IPV", "Physical violence over 18 years old", "Unintended pregnancy" and "Survival sex".

Table 4 about here

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According to the data in Table 4, 75.6% (n=31) of the women surveyed who had been sexually abused before the age of 18 were sexually assaulted as adults. In addition, these women were eight times more likely to have been sexually assaulted after the age of 18. Similarly, women who had been sexually abused before the age of 18 were seven times more likely to have experienced IPV and physical violence over the age of 18, affecting over 90.2% (n=37) of these women. 78.0% (n=32) of women who had been sexually assaulted as children or adolescents reported having had an unintended pregnancy and were five times more likely to have experienced this. It is also worth noting that 65.9% (n=27) of those interviewed who had been sexually assaulted before the age of 18 had resorted to survival sex, had had excessive alcohol consumption and had suffered more serious illness, injury or accidents, being 3-4 times more likely to have been in these situations.

It can also be seen in Table 4 that women experiencing homelessness who suffered from family violence before they were 18 years old were four times more likely to have suffered from sexual assault and intimate partner violence when they were over 18 years old, and eleven times more likely to have suffered from physical violence when they were over 18 years old. Likewise, participants who suffered from family violence during their childhood and/or adolescence were nine times more likely to have had heavy alcohol use and twelve

times more likely to have had substance misuse. These women were also four times more likely to have had an unintended pregnancy and/or resorted to survival sex.

Participants who experienced family violence before turning 18 were more likely to be homeless (2.97 times, SD = 2.033) than those who did not experience family violence during childhood or adolescence (1.55 times, SD = 0.820). (t = 3.464, p = .000, d = 1.843).

#### **Discussion and conclusions**

The study of violence suffered in childhood and adolescence by women experiencing homelessness shows a link between sexual abuse and violence in family context before the age of 18 and the experience of traumatic events after the age of 18. This highlights the impact of the intersectional violence experienced by this group, not only because of their homelessness, but also because of their gender condition (Flynn et al., 2018). Acts of violence take place in public spaces which is an area that can be observed where social class and gender intersect (Vigoya, 2016). This perpetuates a culture of cruelty which, according to Segato (2014), normalizes the subordinate socialization and fragilized corporeality of women and/or the feminized individuals, particularly among impoverished women.

Suffering violence in the family environment before the age of 18 and, especially, having suffered sexual aggression during childhood and/or adolescence are two aspects with significant subjective implications of pain for this group, and likely to experience further situations of violence. Women experiencing homelessness interviewed in the city of Buenos Aires (Argentina) had suffered a high percentage of physical and/or sexual violence, both in their childhood and adolescence and throughout their lives, in line with what has been observed in studies carried out in different cultural contexts (i.e. Calvo et al., 2022; Cutuli et al., 2017; Panadero et al., 2018; Rodríguez-Moreno et al., 2021a; Vázquez et al., 2023). Women experiencing homelessness are exposed to many more violent situations than their

men counterparts and women in the general population (Rodríguez-Moreno et al., 2021b; Lenta et al., 2022; Vázquez et al., 2019, 2023). Women interviewed experienced multiple situations of violence since a very early age, largely in their family environment. Unfortunately, experiencing victimization from an early age could have an impact on later becoming homeless, staying homeless and revolving door to homelessness (Broll & Huey, 2020; Rodríguez-Moreno et al., 2021a; Mayock et al, 2015).

Different studies point out that a history of family violence and/or sexual abuse during childhood (e.g. Cutuli et al., 2017; Guillén et al., 2024; Lenta et al., 2022; Liu et al., 2022), and impaired or neglectful parenting (e.g. Cutuli et al., 2017; Lenta et al., 2022, 2023; Manyema et al., 2018; March-Llanes et al., 2017; Vázquez et al., 2023c) are life events with particularly serious consequences when suffered during the first years of life. Among the women interviewed in the city of Buenos Aires, victims of family violence and sexual abuse during their childhood seem to have developed more risky behaviors during their adulthood, with a higher percentage experiencing substance abuse problems, illnesses, injuries or accidents or unintended pregnancies, agreeing with Song et al. (2021). Also, women who were victims of family violence, intimate partner violence and survival sex in a higher percentage during their adult lives. These aspects were particularly highlighted among women who had experienced sexual violence as children.

Situations of victimization seem to be particularly concentrated among some women, with a substantial percentage of women interviewed were victims of different types of violence during their childhood. Growing up in family contexts marked by different types of violence seems to lead to victimization both within and outside the family environments (Miranda et al., 2023; Southern & Sullivan, 2021). Thus, half of the interviewees suffered

both physical and sexual abuse, largely by members of their family. And experiencing violence in childhood seems to increase the likelihood of suffering different types of violence in adulthood, especially sexual assaults, intimate partner violence or survival sex. According to authors such as Whitfield (1998), the experience of multiple stressful life events, especially during childhood and adolescence, may lead to difficulties in acquiring the skills that allow to establish solid relationships and maintain stable accommodation or a job. In addition, experiencing adverse family situations may limit the ability to receive crisis support from families of origin (Herman et al., 1997), facilitating becoming homeless and influencing long periods of homelessness. Thus, participants who had experienced violence within their families before turning 18 were more likely to experience homelessness (the revolving door to homelessness). Severe violence during childhood may increase the risk of exposure to environments that re-victimize in adulthood (Bellis et al., 2013; Di Iorio, 2022; Edalati & Nicholls, 2019), such as homelessness.

Of the various types of childhood violence, sexual assault seems to have had particularly negative consequences for women experiencing homelessness in adulthood. Thus, women who experienced sexual assault were more likely to have had problems with alcohol misuse. Several studies (e.g. Aubry et al., 2012; Caton et al., 2005; Guillén et al., 2020) have pointed out that substance use is an important factor in people becoming and staying homeless. Likewise, women experiencing homelessness who suffered from sexual abuse before they were 18 years old were much more likely to suffer physical violence, intimate partner violence and sexual aggression in adulthood, as well as survival sex, serious illness, injury or accidents and/or unintended pregnancy, which allows inferring their relationship with risk practices and behaviors that configure patterns of vulnerability.

Among the limitations of the study are the characteristics of the sample. Due to the difficulties of accessing a population that is in a situation of vulnerability and often invisible in public spaces, the sample was drawn using the snowball method, which could have biased the type of participants towards the network of key informants who facilitated the initial contacts. It was also not possible to interview the most vulnerable women on the street, mainly those with severe cognitive impairment and/or excessive drug use, as we only worked with those who were able to give informed consent at the time of contact, which also excluded those who were in a particularly critical condition. Additionally, although the study was conducted in two central districts of Buenos Aires (Communes 1 and 3), where most people experiencing homelessness were concentrated during the study period, there was limited contact with women in more peripheral districts, which have less access to shelters and care resources.

Due to the size and composition of the sample, the findings can only be generalized to the women who participated in the study. However, since few previous studies have been conducted on this population in the studied area, with even smaller sample sizes than this study, the results are valuable for gaining initial knowledge of the characteristics and needs of women experiencing homelessness in Buenos Aires (Argentina). Nevertheless, new research with representative samples is necessary to generalize the results.

Addressing a systemic structural problem such as homelessness requires an appropriate redistribution of resources and facilitating access to and maintenance of stable housing for vulnerable groups (Panadero & Vázquez, 2022). However, it is also important to implement public policies, prevention programs and care mechanisms with an intersectional gender perspective to minimize the number and intensity of situations of violence suffered by the

most vulnerable groups, especially women and girls at risk of social exclusion such as homelessness.

Protective factors are the resources and conditions that help people cope with risky and vulnerable situations and improve their emotional and social well-being. Social policies play a key role in this, especially among historically violent and segregated populations. Given the significant prevalence of this problem among the women participating in the study, work on the timely assistance and prevention of sexual violence against girls and violence in the family environment requires the special involvement of the system of comprehensive protection of the rights of children and adolescents. An early and timely approach could alleviate suffering and processes of re-victimization in adulthood. This approach could also act as a protective factor against the risk of homelessness.

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Table 1. Violence experienced by women experiencing homelessness in the city of Buenos

Aires (Argentina) before they were 18 years old and the age they experienced them for the first time.

Violence experienced before 18 years old	% (n)	Mean age at which it happened for the first time (yrs.) (SD)
Her mother suffered intimate partner violence	63.9% (46)	2.75 (4.249)
Family violence	79.2% (57)	2.35 (4.291)
Physical abuse	76.4% (55)	6.45 (4.227)
Sexual abuse	56.9% (41)	
Sexual abuse perpetrated by a member of her family	36.1% (26)	9.23 (3.840)
Sexual abuse perpetrated by someone outside her family	29.2% (21)	10.67 (3.071)

Table 2. Violence suffered by women experiencing homelessness in the city of Buenos Aires (Argentina) during their lives.

Violence experienced	It happened to her	It happened before the first time homeless	It happened when they were experienci ng homelessn ess
Savual assault avon 19 voors ald	<u>% (n)</u> 54.2% (39)	%* (n)	
Sexual assault over 18 years old Sexual assault (over 18 years old) perpetrated by		40.3% (29)	20.8% (15)
her partner	44.4% (32)	40.370 (29)	20.870 (13)
Sexual assault (over 18 years old) perpetrated by		5.6% (4)	0% (0)
a member of her family	5.6% (4)	5.670(1)	0,0(0)
Sexual assault (over 18 years old) perpetrated by	27.50/(27)	29.2% (21)	25.0% (18)
someone outside her family	37.5% (27)		× ,
Intimate partner violence	75.0% (54)	66.7% (48)	38.9% (28)
Physical violence over 18 years old	79.2% (57)	73.6% (53)	54.2% (39)
Engaged in sex work	11.1% (8)	5.6% (4)	9.7% (7)
Survival sex	54.2% (39)	38.9% (28)	40.3% (29)

			β	Stan dard error	P> z
Family violence before 18 years old	$\rightarrow$	Excessive drugs consumption	.402	.137	.003
Family violence before 18 years old	$\rightarrow$	Intimate partner violence	.268	.114	.019
Family violence before 18 years old	$\rightarrow$	Unintended pregnancy	.262	.131	.046
Family violence before 18 years old	$\rightarrow$	Sexual assault over 18 years old	.243	.128	.048
Family violence before 18 years old	$\rightarrow$	Drunk too much at some point in their life	.406	.136	.003
Family violence before 18 years old	$\rightarrow$	Survival sex	.287	.141	.042
Family violence before 18 years old	$\rightarrow$	Physical violence over 18 years old	.421	.099	.000
Sexual abuse before 18 years old	$\rightarrow$	Intimate partner violence	.303	.092	.001
Sexual abuse before 18 years old	$\rightarrow$	Unintended pregnancy	.349	.106	.001
Sexual abuse before 18 years old	$\rightarrow$	Sexual assault over 18 years old	.460	.103	.000
Sexual abuse before 18 years old	$\rightarrow$	Drunk too much at some point in their life	.252	.109	.021
Sexual abuse before 18 years old	$\rightarrow$	Survival sex	.224	.113	.049
Sexual abuse before 18 years old	$\rightarrow$	Physical violence over 18 years old	.242	.080	.003
Sexual abuse before 18 years old	÷	Serious illness, injury or accident	.347	.108	.001

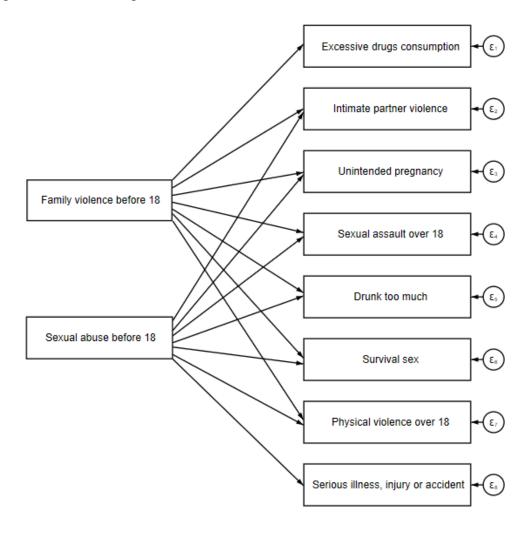
Table 3. Structural Equation Model coefficients, standard error and probability of relationships.

Table 4. Differences in life situations experienced among women undergoing homelessness in the city of Buenos Aires (Argentina) in terms of their experiences of sexual abuse before they were 18 years old and family violence before they were18 years old.

	Suffered from sexual abuse before 18 years old						
Situations experienced:	No	Si	$\chi^2$	Odds	95% CI		
-	(n= 30)	(n=41)	70	ratio			
Sexual assault over 18 years old	26.7% (8)	75.6% (31)	16.792***	8.525	2.900-		
					25.062		
Sexual assault over 18 years old	23.3% (7)	61.0% (25)	9.915**	5.134	1.791-		
perpetrated by her partner					14.720		
Sexual assault over 18 years old	13.3% (4)	56.1% (23)	13.443***	8.306	2.452-		
perpetrated by someone outside her family					28.134		
Intimate partner violence	56.7% (17)	90.2% (37)	10.725***	7.074	2.008-		
					24.918		
Physical violence over 18 years	63.3% (19)	92.7% (8)	9.427**	7.333	1.826-		
old					29.452		
Survival sex	40.0% (12)	65.9% (27)	4.677*	2.893	1.091-7.668		
Excessive alcohol consumption	33.3% (10)	63.4% (26)	6.272*	3.467	1.288-9.329		
Serious illness, injury or	43.3% (12)	78.0% (32)	8.995**	4.650	1.654-		
accident					13.071		
Unintended pregnancy	40.0% (12)	78.0% (32)	10.642***	5.333	1.886-		
					15.081		
	y violence bef	violence before 18 years old					
Situations experienced:	No	Yes	$\chi^2$	Odds	95% CI		
	(n= 14)	(n= 57)		ratio			
Sexual assault over 18 years old	28.6% (4)	61.4% (35)	4.894*	3.977	1.110-		
					14.252		
Sexual assault over 18 years old perpetrated by her partner	0.0% (0)	56.1% (32)	14.309***				
Physical violence over 18 years	42.9% (6)	89.5% (51)	15.429***	11.333	2.923-		
old					43.936		
Intimate partner violence	50.0% (7)	82.5% (47)	6.501*	4.700	1.346-		
					16.411		
Excessive alcohol consumption	14.3% (2)	59.6% (34)	9.259**	8.870	1.813-		
					43.395		
Excessive drugs consumption	7.1% (1)	47.4% (27)	7.614**	11.700	1.434-		
_					95.482		
Survival sex	28.6% (4)	61.4% (35)	4.894*	3.977	1.110-		
					14.252		
Unintended pregnancy	36.7% (5)	68.4% (39)	5.102*	3.900	1.143′13.31		
					1		

 $p \le .05; p \le .01; p \le .001.$ 

Figure 1. Structural Equation Model



#### **Author Bio Statements**

## Malena Lenta

PhD. in Psychology (Universidad de Buenos Aires). PhD. Candidate in Estudios

Interdisciplinares de Género (Universidad de Alcalá). Postdoctoral fellow at CONICET.

Professor and researcher at Universidad de Buenos Aires.

#### Jorgelina Di Iorio

PhD. in Psychology (Universidad de Buenos Aires). Attached researcher at CONICET.

Professor and researcher at Universidad de Buenos Aires.

#### Adrián Cabrera

PhD. in Economics and Business Management (University of Alcalá). Professor and researcher at Universidad de Alcalá.

## José Juan Vázquez

PhD. in Psychology (University Complutense de Madrid). Professor and researcher at Universidad de Alcalá.