



# The European Journal of Psychology Applied to Legal Context

<http://journals.copmadrid.org/ejpalc>



## Are Generalist Batterers Different from Generally Extra-Family Violent Men? A Study among Imprisoned Male Violent Offenders

Joel Juarros-Basterretxea<sup>a</sup>, Juan Herrero<sup>a</sup>, Asunción Fernández-Suárez<sup>a</sup>, Beatriz Pérez<sup>b</sup>, and Francisco Javier Rodríguez-Díaz<sup>a</sup>

<sup>a</sup>University of Oviedo, Spain; <sup>b</sup>University of La Frontera, Chile

### ARTICLE INFO

#### Article history:

Received 10 January 2017

Accepted 2 October 2017

#### Keywords:

Intimate partner violence

Male batterers

General violence

Generalist batterers

### ABSTRACT

Research on male batterers has found that in some cases of severe intimate partner violence (IPV) against women, male aggressors were also generally violent beyond the family realm. These findings have been used by researchers to illustrate the common etiology of both general and IPV. Using data from imprisoned male violent offenders, we analyzed the individual, family, and community characteristics of two groups of violent offenders: generalist batterers (GB) and generally extra-family violent men (GEVM). GB offenders had a judicial sentence on IPV-related offenses (gender violence according to the Spanish legislation), while GEVM offenders did not have any IPV-related judicial sentence. The sample includes 153 imprisoned male violent offenders of the Penitentiary Center of Villabona (Asturias, Spain). Socio-demographic measures, and criminal and justice official records of participants are available. Two groups of participants (GB and GEVM) distinction was done based on official records. Multivariate analyses of covariance (MANCOVA) was carried out to study differences between each group of participants in self-reported measures of personal, family, and community context variables. MANCOVA showed no statistical differences among the individual, family, and community characteristics of these two groups, giving empirical support to the theoretical view that general violence and IPV might share a common etiology. These results are discussed in light of the debate about the potentially common etiology of these two types of violence.

## ¿Son los maltratadores generalistas distintos de los hombres extrafamiliarmente violentos en general? Un estudio con hombres violentos en prisión

### RESUMEN

En varias de las investigaciones sobre hombres maltratadores se ha demostrado que éstos no sólo son violentos contra la pareja, sino también en el ámbito extrafamiliar, lo cual ha sido utilizado por los investigadores para ilustrar la etiología común de la violencia general y la violencia en la pareja íntima (VPI). Utilizando datos de hombres violentos en prisión se han analizado las características individuales, familiares y comunitarias de dos grupos de agresores violentos: maltratadores generalistas (GB) y hombres violentos en general fuera de la familia (GEVM). Los GB fueron condenados por delitos de violencia de género (de acuerdo con la legislación española), mientras que los GEVM no han sido condenados nunca por tales delitos. La muestra está compuesta por 153 hombres internos en el Centro Penitenciario de Villabona (Asturias, España). Se ha dispuesto de variables sociodemográficas así como de registros judiciales. La distinción entre los grupos se ha establecido en base a los registros oficiales. Se han llevado a cabo análisis multivariados de covarianza (MANCOVA) para estudiar las diferencias entre los grupos de estudio en las variables individuales, familiares y comunitarias. Los resultados de los MANCOVA indican que no existen diferencias estadísticamente significativas en los ámbitos individual, familiar y comunitario entre los grupos, apoyando la perspectiva teórica que defiende que la violencia general y la VPI comparten una etiología común. Estos resultados han sido discutidos teniendo en cuenta el debate sobre la potencial etiología común de estos dos tipos de violencia.

#### Palabras clave:

Violencia de pareja

Maltratadores varones

Violencia general

Maltratadores en general

Cite this article as: Juarros-Basterretxea, J., Herrero, J., Fernández-Suárez, A., Pérez, B., & Rodríguez-Díaz, F. J. (2018). Are generalist batterers different from generally extra-family violent men? A study among imprisoned male violent offenders. *The European Journal of Psychology Applied to Legal Context*, 10, 8-14. <https://doi.org/10.5093/ejpalc2018a1>

Funding: Support for this research was provided by FEDER funds from the Spanish Ministry of Economy and Competitiveness (MINECO-17-PSI2016-77484-P), the Severo Ochoa scholarship (BP13134 and BP14153) from the Foundation for the Promotion of Applied Scientific Research and Technology in Asturias (FICYT, Asturias, Spain), and the assistance for pre-doctoral contracts for Teacher Training University (FPU 13/04310) from the Ministry of Education, Culture and Sport (Spain). Correspondence: [juarrosjoel@uniovi.es](mailto:juarrosjoel@uniovi.es) (J. Juarros-Basterretxea).

ISSN: 1889-1861/© 2018 Colegio Oficial de Psicólogos de Madrid. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).

Intimate Partner Violence (IPV) against women is a widespread problem that affects all societies and cultures. In Europe, estimates are that 22% of women have suffered physical and/or sexual partner violence since the age of 15 (European Union Agency for Fundamental Rights - FRA, 2014) and most of these IPV cases occurred while being in an intimate relationship. More recently, the World Health Organization (WHO) (2016) has indicated that 30% of women worldwide have suffered physical and/or sexual IPV. As for psychological IPV, more than 30% of women have experienced this form of violence by her current or a previous partner and 43% of women suffered psychological behaviors like controlling, economic violence and blackmail (European Union Agency for Fundamental Rights - FRA, 2014).

While IPV against women is a rather complex topic of study that needs probably to be addressed from multiple views, the last decades have witnessed an increasing interest in the study of the characteristics of aggressors. The study of typologies of IPV against women is a good example of this approach (Capaldi & Kim 2007; Logan, Walker, & Leukefeld 2001). Thus, many studies have examined different types of male perpetrators of intimate partner violence against women (Cavanaugh & Gelles 2005; Fowler & Westen 2011; Holtzworth-Munroe & Stuart, 1994; Ross & Babcock, 2009; Walsh et al., 2010) being the typology of male batterers established by Holtzworth-Munroe and Stuart (1994; see also Holtzworth-Munroe & Meehan, 2004; Holtzworth-Munroe, Meehan, Herron, Rehman, & Stuart 2003) one of the most influential. These authors studied male batterers on three dimensions (severity of marital violence, generality of the violence, and psychopathology or personality disorder) and the typology that they proposed comprised three types of batterers: (a) family only batterer, (b) dysphoric or borderline batterer, and (c) generally violent or antisocial batterer (see also Dutton, 1988; Saunders, 1992). More recently, Cavanaugh and Gelles (2005) and Fowler and Westen (2011) proposed two typologies with similar characteristics to that of Holtzworth-Munroe and Stuart (1994). Cavanaugh and Gelles (2005) used three dimensions – (a) severity and frequency of the violence, (b) criminal history, and (c) psychopathology level – to identify three types of male batterers: (a) low risk offenders, (b) medium risk offenders, and (c) high risk offenders. In the same vein, Fowler and Westen (2011) differentiated three subtypes of batterers: (a) subtype 1 or psychopathic, (b) subtype 2 or hostile/controlling, and (c) subtype 3 or borderline/dependent.

### Batterers in Prison

Overall, research on male batterers have suggested that in most cases of severe IPV against women male aggressors were also generally violent beyond the family realm (Cavanaugh & Gelles, 2005; Fowler & Westen, 2011; Gondolf, 1988; Hamberger, Lohn, Bonge, & Tonlin, 1996; Harris, Hilton, & Rice, 2011; Holtzworth-Munroe & Stuart, 1994). As Herrero, Torres, Fernández-Suárez, & Rodríguez-Díaz (2016) have recently suggested, however, the fact that severe IPV against women is overrepresented in penitentiary-based samples of male batterers might lead to a lack of representativeness of the less violent batterer. To overcome this limitation, they proposed a typology that incorporates male batterers' criminal history and identified two types of convicted male batterers: generalist and specialist batterers. Generalist batterers had a long and varied criminal history that also included IPV against women among other offenses, while specialist batterers had exclusively offenses related with IPV against women. In their study, Herrero, Torres et al. (2016) linked their typology to the debate about the etiology of IPV and general violence.

On the one hand, several researchers (Dutton, 1988; Felson, 2006; Felson & Lane, 2010; Moffit, Krueger, Caspi, & Fagan, 2000) have suggested that IPV might be explained by general theories of violence and aggression. For instance, IPV perpetrators and other

offenders with criminal behavior non-related to IPV seem to be similar (Felson & Lane, 2010; Herrero, Torres, Rodríguez, & Juarros-Basterretxea, 2017; Kiss, Schraider, Hossain, Watts, & Zimmerman, 2015). In fact, heterogeneous and long criminal history has been found in IPV batterers (Cavanaugh & Gelles, 2005; Fowler & Westen, 2011; Holtzworth-Munroe & Stuart, 1994; Piquero, Theobald, & Farrington, 2014) and both types of offense seem to be related to early antisocial behavior (see Hilton, Harris, & Rice, 2001). Typologies typically label this intimate partner batterer who commit other illegal acts as generally violent or antisocial batterer (Logan et al., 2001; see also Holtzworth-Munroe & Stuart, 1994; Shield, McCall, & Hanneke, 1988). These generally violent batterers or generalist batterers represent a sizable group of the total of imprisoned batterers (Herrero, Torres et al., 2016), in accordance with the Holtzworth-Munroe and Stuart's (1994) suggestion that generally violent or antisocial batterers will be mainly present in prison.

On the other hand, there is also research empirically supporting the gender perspective on IPV against women. Thomas, Dichter, and Matejkowski (2011) observed differences between intimate partner murder offenders and non-intimate partner murder offenders. Specifically, intimate partner murder offenders were more socially integrated and used fatal violence to satisfy emotional aspects in contrast to non-intimate partner murderers whose violence seemed to be rather instrumental. Furthermore, they seemed to differ in marital status, history of severe mental illness, and motives (Thomas et al., 2011). Likewise, Swogger, Walsh, and Kosson (2007) compared antisocial batterers with other antisocial criminals that did not perpetrate IPV against women and found a different profile in affective experience, impulsivity, and irresponsibility.

### The Current Research

Drawing both from the debate on the etiology of general violence and male IPV against women (see Bouffard & Zedaker, 2016; Felson, 2006; Felson & Lane 2010; Hilton & Eke 2016; Moffit et al., 2000) as well as from recent findings on batterers typologies in prison (Herrero, Torres et al., 2016), the present study sought to answer the following research question: Do male batterers with other criminal offenses (generalist batterers) differ from other violent offenders without a criminal record of IPV against women? We hypothesize that if the IPV perpetrated by GB and general violence have a common etiology, GB and GEVM will not differ in individual, familiar, and community variables.

Using data of convicted male offenders from the Penitentiary Center of Villabona (Asturias, Spain), the objectives of the present study were twofold: a) to explore the distribution of generalist batterers against women and common violent criminals without an IPV criminal record and b) to analyze their individual, family of origin, and community characteristics, seeing violence as a multidimensional phenomenon with multiples causes at different levels (see Bronfenbrenner, 1977; WHO 2002).

As for the individual characteristics of offenders we analyzed personality, sexist attitudes, and alcohol and drug dependence. Personality has been linked to both general criminal behavior (Davison & Janca, 2012; Ehrensaft, Cohen, & Johnson, 2006) and IPV against women (Capaldi & Kim, 2007; Mauricio, Tein, & López, 2007). As for the influence of sexist attitudes toward women, there is empirical evidence suggesting that they are an important risk factor to understand IPV against women (Ali & Naylor, 2013). Finally, different studies show that substance and alcohol use and abuse are important factors related with general violence and IPV (Fagan, 1990; Feingold, Kerr, & Capaldi, 2008; Golinelli, Longshore, & Wenzel, 2009; Kretschmar & Flannery, 2007; Lisco, Parrot, & Tharp, 2012; Reingle, Jennings, Connel, Businelle, & Chartier, 2014; Rothman, McNaughton, Johnson, & LaValley, 2012; Smith, Homish, Leonard, & Cornelius, 2012).

Family of origin characteristics have also been regarded to both IPV against women (Ehrensaft et al., 2003) as well as to general violence (Fagan, 2005; Farrington, 2003; LeBlanc, 2005). Several studies of IPV focused their attention on family of origin of batterers, taking in account parental skills, educational models, socioeconomic level, or presence of abuse from parents (Herrero, Torres et al., 2016). In the present study family of origin variables were family climate and family functioning.

Empirical evidence suggests that contextual factors also influence IPV against women (Pinchevsky & Wright, 2012). Thus, disadvantaged communities may influence IPV (Pinchevsky & Wright, 2012; Van Wyk, Benson, Fox, & DeMaris, 2003) but also general violence (O'Brien & Sampson, 2015; Markowitz, Bellair, Liska, & Liu, 2001). In this sense, community social disorder, community participation and community integration were community context variables in the present study. These are characteristics of disadvantaged communities (Herrero, Torres et al., 2016) which might be related with IPV against women and violence in general.

To better control for potentially biased responses in sensitive topics such as IPV (Bell & Naugle, 2007; Caetano, Schafer, Field, & Nelson, 2002; Henning, Jones, & Holdford, 2005; Saunders, 1991; Sugarman & Hotaling, 1997; Van de Mortel, 2008) we included a measure of social desirability in the study.

## Method

### Participants

Participants of the study were 153 men imprisoned in the Penitentiary of Villabona (Asturias, Spain). Using information from criminal and justice official records, two types of imprisoned men were identified. The first group consisted of generalist batterers (GB), defined as those men who commit IPV against women as well as other varied criminal history (see Herrero, Torres et al., 2016). The second group consisted of those imprisoned violent offenders with a varied criminal history that not included IPV against women (Geneally Extra-family Violent Men - GEVM). GB were significantly older ( $M = 36.48$ ,  $SD = 9.39$ ) than GEVM ( $M = 32.21$ ,  $SD = 9.35$ ) ( $F = 7.586$ ,  $p = .007$ ,  $\eta^2 = .049$ ). Marital status for both groups was mainly single (48.80% and 65.10% respectively) or divorced/separated (30.20% and 19% respectively). Minor differences were found in the marital status of the two groups, but it lacked statistical significance ( $\chi^2 = 4.001$ ,  $p = .135$ ). Most participants perceived themselves of middle class (GB = 69.77%, GEVM = 65.67%) (*ns*), and had primary (GB = 50%, GEVM = 55.22%) or secondary (GB = 34.88%, GEVM = 25.37%) studies at the most (*ns*).

### Procedure

The researchers approached the governmental and penitentiary authorities and explained the study objectives in order to obtain permission to evaluate inmates on a set of variables. After official access was granted, the researchers identified voluntary participants and obtained informed consent from them to take part in the study. Different sources of information were used for this study. Specifically, judicial and penitentiary reports were used to obtain information about the criminal history of participants. This included information about socio-demographic variables as well as the complete record of arrests and imprisonments for each participant. Also, different self-report measures were used to evaluate the personal, family, and community contexts of participants.

### Variables

**Outcome variable.** Based on criminal trajectory (see below), participants were divided into two groups: generalist batterers (GB;

56.2%) and generally extra-familial violent men (GEVM; 43.8%). GB were characterized by a versatile criminal history, which included IPV against women, while GEVM had a history of criminal violence which not included IPV against women.

**Criminal trajectory variables.** The most frequent offenses committed by GB as well as GEVM were crimes against property (81% and 73.3% respectively). Both groups showed similar rates of other different offenses such as homicide, injuries, crimes against liberty and against privacy, among others. Furthermore, information about age of first non-sanctioned offense, age of first arrest and age of first imprisonment was retrieved from interviews and official records. GB and GEVM participants showed a similar onset of criminal behavior as can be seen both by the age of first non-sanctioned offense (GB,  $M = 13.53$ ,  $SD = 6.78$ ; GEVM,  $M = 13.93$ ,  $SD = 6.56$ ;  $F = .134$ ,  $p = .715$ ), the age of first arrest (GB,  $M = 19.21$ ,  $SD = 6.56$ ; GEVM,  $M = 18.32$ ,  $SD = 5.98$ ;  $F = 545$ ,  $p = .461$ ) as well as the age of first imprisonment (GB,  $M = 27.70$ ,  $SD = 9.70$ ; GEVM,  $M = 25.10$ ,  $SD = 8.09$ ;  $F = 3.005$ ,  $p = .085$ ). Length of criminal trajectory was measured as the time lapse between age of first non-sanctioned offense and actual age (i.e., subtracting age of first offense from actual age), being GB's criminal trajectory longest than GEVM's (GB,  $M = 17.08$ ,  $SD = 9.91$ ; GEVM,  $M = 13.89$ ,  $SD = 8.55$ ;  $F = 4.201$ ,  $p = .042$ ).

**Biased responses.** As response bias consisting in the adoption of positive characteristics (faking good) to portray themselves in a favorable light to get prison benefits and/or parole must be suspected in prison evaluation setting (Arce, Fariña, Seijo, & Novo, 2015), a psychometric measurement of social desirability was obtained from participants to control its effects as a covariate. As for this, psychometric approach is valid and preferable than a clinical approach (Arce, Fariña, & Vilariño, 2015). The Social Desirability Scale ( $\alpha = .80$ ) of the Spanish adaptation of the Millon Clinical Multiaxial Inventory-III (MCMI-III) (Cardenal & Sánchez, 2007; Millon, 1997; Millon, Davis, & Millon, 2007) was used to control biased responses.

**Intimate relationship variable.** The Revised Conflict Tactics Scale's (CTS-2) Psychological Aggression Subscale ( $\alpha = .88$ ) (Straus, Hamby, Boney-McCoy, & Sugarman, 1996) was used to measure levels of psychological IPV against women in participants.

### Individual Variables

**Personality.** The Spanish adaptation of MCMI-III was used to detect personality disorders (Axis II) (Cardenal & Sánchez 2007; Millon, 1997; Millon et al., 2007). Specifically, Histrionic (17 items,  $\alpha = .80$ ), Narcissistic (24 items,  $\alpha = .70$ ), Antisocial (17 items,  $\alpha = .76$ ), and Borderline (16 items,  $\alpha = .82$ ) scales were used in this study. Means and standard deviations for each scale and study group are presented in Table 1.

**Substances use and abuse.** Alcohol (15 items,  $\alpha = .71$ ) and Substance Dependence (14 items,  $\alpha = .80$ ) scales from the Spanish adaptation of Millon Clinical Multiaxial Inventory-III (MCMI-III) were used. Means and standard deviations for each scale and group are presented in Table 1.

**Sexism.** The Ambivalent Sexism Inventory (ASI) (Glick & Fiske, 1996, 1999) was used to evaluate sexist attitudes. It includes 22 items and measures both Hostile ( $\alpha = .85$ ) and Benevolent Sexism ( $\alpha = .82$ ). All of the items were rated on a five-point scales ranging from *strongly disagree* to *strongly agree*. Means and standard deviations for each scale and group are presented in Table 1.

### Family of Origin Variables

**Family climate.** The Family Relationship Index (Moos & Moos, 1994) was used to measure the quality of social relationships in the family environment. It measures cohesion ( $\alpha = .91$ ), expressiveness ( $\alpha = .81$ ) and conflict ( $\alpha = .83$ ). Means and Standard Deviations for each group are presented in Table 2.

**Table 1.** Means, Standard Deviations, and Group Differences on Individual Variables

	GB (n = 86)	GV (n = 67)
<i>Personality</i>		
Histrionic		
M	15.41	14.04
SD	(4.26)	(4.89)
Narcissistic		
M	14.35	14.30
SD	(3.58)	(4.21)
Antisocial		
M	14.12	14.71
SD	(4.87)	(5.25)
Borderline		
M	9.65	9.89
SD	(5.41)	(5.37)
<i>Sexism</i>		
Hostile		
M	33.45	31.35
SD	(6.48)	(7.59)
Benevolent		
M	35.71	36.34
SD	(7.01)	(7.84)
<i>Alcohol and Substances Dependence</i>		
Alcohol		
M	8.80	7.82
SD	(4.90)	(4.11)
Substances		
M	13.32	13.72
SD	(5.09)	(5.56)

**Family functioning.** The APGAR scale was used to assess participants' perception of family functioning (Smilkstein, 1978). It is a five 3-point items scale of family functioning (Adaptability, Partnership, Growth, Affection, and Resolve) with responses ranging from 1 (*hardly ever*) to 3 (*almost always*). In the present study, a summed-up scale score was used. Internal consistency was high (Cronbach's  $\alpha = .92$ ). Means and standard deviations for the scale in each group of batterers are presented in Table 2.

**Table 2.** Means, Standard Deviations, and Group Differences on Family Variables

	GB (n = 86)	GV (n = 67)
<i>Family of Origin: Climate</i>		
Cohesion		
M	14.04	14.16
SD	(1.52)	(1.53)
Expressiveness		
M	14.13	14.27
SD	(1.62)	(1.50)
Conflict		
M	12.28	12.35
SD	(1.43)	(1.46)
<i>Family of Origin: Functioning</i>		
M	11.78	11.08
SD	(2.86)	(3.07)

**Community Variables**

**Community social disorder.** Three items about the frequency of crime (fight, weapons, robbery, etc.), presence of drug traffic, and nightlife in the community (see Gracia & Herrero, 2006; Herrero & Gracia, 2005) were used to measure community social disorder. Item responses ranged on five-point scale from disagree strongly to agree strongly. Internal consistency was adequate ( $\alpha = .85$ ). Means and standard deviations in each group are presented in Table 3.

**Community integration and participation.** The Community Integration and Community Participation Scales ( $\alpha = .82$  and  $\alpha = .81$  respectively) of the Perceived Community Support Questionnaire (Herrero & Gracia, 2007) were used to measure sense of belonging

and identification as well as participation in social activities in the Community. Category responses ranged from 1 – *strongly agree* – to 5 – *strongly disagree*. Both scales have shown adequate psychometric characteristics and predictive validity (Herrero & Gracia, 2007; Herrero, Torres et al., 2016). Means and standard deviations in each group are presented in Table 3.

**Table 3.** Means, Standard Deviations, and Group Differences on Community Variables

	GB (n = 86)	GV (n = 67)
<i>Community Social Disorder</i>		
M	10.37	10.38
SD	(3.90)	(4.06)
<i>Community Integration</i>		
M	12.30	12.53
SD	(3.71)	(3.85)
<i>Community Participation</i>		
M	12.10	12.20
SD	(4.72)	(4.21)

**Data Analyses**

We first conducted two-step cluster analysis of The Psychological Aggression Scale scores. This technique is appropriate to find the number of groups that better account for the sample distribution of participants across the scores of Psychological Aggression. We also conducted multivariate analyses of variance (MANOVA) to test for differences in criminal history between the two groups: age of first non-sanctioned offense, age of first arrest, and age of first imprisonment.

Finally, we conducted separate multivariate analyses of covariance (MANCOVA) to test for differences across groups in individual, family, and community dependent variables. Social desirability was included as a covariate in all the models tested. Dependent variables were grouped in a theoretically meaningful way: personality (cluster B), substance abuse, sexism, family of origin, and community. Table 5 presents a summary of MANCOVA results.

**Results**

Results of bi-step cluster analysis showed that according to their scores on Psychological Aggression participants belonged to any of two groups (see Table 4): low ( $M = 4.49, SD = 4.61$ ) and high psychological aggression ( $M = 24.47, SD = 7.69$ ). As expected, most of participants in the High Psychological Aggression Group belonged to the group of GB (68.8%), suggesting that GB participants were involved in IPV against women to a greater extent than GEVM (31.1%). This relationship was statistically significant according to the chi-squared test ( $\chi^2 = 4.334, p = .037, \phi = -.17$ ).

**Table 4.** Pearson's Chi-square Test between Study Groups and Clusters

		Two-step Cluster Number		
		1	2	Total
GB	Count	53.0	31.0	84
	Expected count	58.8	25.2	84
	Adjusted residual	-2.1	2.1	
GEVM	Count	52.0	14.0	66
	Expected count	46.2	19.8	66
	Adjusted residual	2.1	-2.1	
Total	Count	105.0	45.0	150
	Expected count	105.0	45.0	150

Note.  $M_1 = 4.49, SD_1 = 4.61; M_2 = 24.47, SD_2 = 7.69$ .

Results of MANOVAs carried out to analyze the differences in the criminal trajectory of participants showed that GBs and GEVM did not differ

in age of first non-sanctioned crime, age of first arrest, nor age of first imprisonment (Wilk's Lambda = .975,  $F_{3,142} = 1.198$ ,  $p = .313$ ,  $\eta^2 = .025$ ).

Results from MANCOVAs did not show statistical significance, suggesting that GB and GEVM scored similarly on the individual, family, and community dependent variables (see Table 5).

**Table 5.** Summary of MANCOVA's Means on Individual, Family of Origin, and Community Characteristics

Variable	Wilks' Lambda	<i>p</i>	$\eta^2$
Individual			
Personality	.982	.622	.018
Sexism	.966	.089	.034
Substance dependence	.962	.061	.038
Family	.962	.260	.038

## Discussion

In the present study, a comparison between two groups of violent inmates was carried out. Participants were 153 imprisoned men from the Penitentiary Center of Villabona (Asturias, Spain) belonging to two groups: the first group was comprised by generalist batterers who had heterogeneous and long violent criminal history which included IPV against women (generalist batterers-GB) (see Herrero, Torres et al., 2016), and the second group comprised generally extra-family violent men (GEVM), who had heterogeneous and long violent criminal history which did not include IPV against women. GB had common characteristics and similarities with other types of batterers proposed in other typologies: generally violent or antisocial batterer (Holzworth-Munroe & Stuart, 1994), subtype I or psychopathic partner-violent men (Fowler & Westen, 2011), high-risk offenders (Cavanaugh & Gelles, 2005), or type II antisocial batterer (Gondolf, 1988) among others. Our research sought to analyze both the distribution of batterers among generally violent inmate population and their potentially different individual, family, and community characteristics (see Moffit & Caspi, 1999).

Regarding to the first objective, GB and GEVM group sizes were similar ( $n = 86$  vs.  $n = 67$ ), indicating that more than a half of generally violent inmates of the study had a versatile criminal history which comprised IPV against women as well as other violent crimes (see also Bouffard & Zedaker, 2016). These results give support to the idea that general violence and IPV might have a common etiology (Felson, 2006; Felson & Lane, 2010; Herrero, Torres et al., 2016; Moffit et al., 2000).

Next, we explored the criminal history as well as sociodemographic, individual, family of origin, and community variables for each group. GB and GEVM participants showed a criminal trajectory of violence (the most frequent crimes in both groups were crimes against property, more than 73%). We could not find any statistical differences between the two groups in their criminal trajectory, including age of first offense, age of first arrest, and age of first imprisonment. Taking into account the length of criminal trajectory, results showed that criminal trajectory of GB was longer than GEVM's. In this sense, other research has suggested that for some generally violent men criminal trajectory starts victimizing non-intimates, but progressively includes family member (like partner) among their victims (Shield et al., 1988), and it seems that long criminal trajectories increased the odds of criminal violence as well as IPV (Piquero et al., 2014).

As for the individual characteristics, GB and GEVM did not differ in personality characteristics, nor substance and alcohol dependence, nor ambivalent sexism. Antisocial, histrionic, borderline, and narcissist personality have been related with violence in general, IPV against women (Cavanaugh & Gelles, 2005; Fowler & Westen, 2011; Herrero, Torres et al., 2016; Holzworth-Munroe & Stuart, 1994; Kiwi & Sadeghi, 2015; Peters, Derefinko, & Lynam, 2016; Ruíz-Hernández, García-Jiménez, Llor-Esteban, & Godoy-Fernández, 2015; Stefánsson & Hesse, 2008; Theobald, Farrington, Coid, & Piquero, 2015) and

reoffending (Kiwi & Sadeghi, 2015). According to this, our results suggest that personality characteristics do not allow to differentiate between types of criminal offenders: GB and GEVM participants showed a similar personality profile.

Further, drug and/or alcohol abuse and dependence have been traditionally linked to general violence (Fagan, 1990; Kretschmar & Flannery, 2007) and IPV against women (see Gondolf, 1988; Herrero, Torres et al., 2016; Shield et al., 1988; Saunders, 1992), which is consistent with our finding that both GB and GEVM participants showed similar levels of alcohol and substance abuse and dependence.

We also found in our study that levels of sexist attitudes toward women were similar across groups of offenders. Although this finding might challenge, research showing that more sexist, misogynistic, traditional, and gender rigid attitudes are related to IPV against women (Allen, Swan, & Raghavan, 2009; Flood & Pease, 2009), empirical research on male batterers have consistently found that antisocial/generally violent batterers show the highest levels of hostility toward women (Herrero, Torres et al., 2016; Holtzworth-Munroe & Stewart, 1994). Also, evidence from general population studies indicates that more violent individuals might also hold hostile attitudes toward women (Herrero, Rodríguez-Díaz, & Torres, 2016) as compared to less violent individuals.

The same tendency emerged when GB and GEVM participants were compared in their family characteristics: we could not find any significant statistical difference in family functioning and family climate (cohesion, expressiveness, and conflict) across groups. These results are in line with empirical evidence showing that the family environment is related to general violence (Fagan, 2013; Flannery, Singer, Van Dulmen, Kretschmar, & Belliston, 2007; Láng & Birkás, 2014; Meldrum, Connolly, Flexon, & Guerette, 2015; Vanassche, Sodermans, Matthijs, & Swicegood, 2013). Our findings further suggest that dysfunctions in family of origin might be unrelated to IPV against women beyond its influence on general violence. We cannot conclude, however, that family dysfunctions are unrelated to IPV against women as there is research showing, for instance, that specialist batterers (i.e., only involved in IPV-related offenses) tend to show greater levels of conflict in their family of origin than generally violent or generalists batterers (Herrero, Torres et al., 2016).

Finally, regarding community variables, GB and GEVM participants showed the same levels of community social disorder, and community integration and participation. Herrero, Torres et al. (2016) have recently showed in their study of generalist and specialist batterers that those with a more versatile criminal history refer highest levels of social disorder and lowest levels of integration and participation in their communities. In this sense, results from our study indicated that disadvantaged communities and community integration and participation are related to general violence but do not seem to distinguish among those violent offenders who also commit IPV against women.

## Strengths and Limitations

The current study present strengths and potential limitations. Among the strengths are the characteristics of participants and the control of potential response bias. As for the participants, violent offenses and/or IPV against women were identified from information provided by official records, so we might be confident about the presence of general violence and IPV against women in each participant. This circumstance alleviates the problem of identification of both violent individuals and batterers through the use of self-report measures that might probably be affected of recall bias. As compared to self-reported information about criminal history, official records have the advantage of objectivity and lack of social desirability and dishonesty of inmates. When self-report measures were used in the study, however, additional statistical controls were undertaken to obtain more accurate estimates. Thus, the use of the social desirability

measure in the statistical analyses might have helped to identified true statistical relationships in our study.

Participants in the study were not representative of the inmate population, so we should be cautious about generalization of results. For instance, the true distribution of GB and GEVM participants in the population is unknown, so we are unsure whether the existence of generally violent batterers is rather unusual among the inmate population or not. Given that the existence of this group of batterers is key to understand the relationship between general violence and IPV against women, future research with representative samples should be undertaken to ascertain if the size of this group is relevant in the population. Available empirical evidence, however, suggest that a sizable proportion of male batterers in prison committed also non-IPV violent offenses (Felson & Lane, 2010; Herrero, Torres et al., 2016), so the classification used in this study seems tenable.

Related to this, the classification of participants with regard to the types of committed offenses might have affected group stability. At first, categorization of inmates as GB or GEVM was based on official records, allowing that participants with not sanctioned IPV offenses were misclassified in the GEVM group. To overcome this potential problem, final categorization was done including self-reported IPV perpetrations disclosed during the interview. Despite the fact that few inmates admitted that they occasionally committed acts of violence that can be categorized as IPV, other inmates might have concealed similar behaviors to the interviewer. In this sense, the limitation of the existence of undetected IPV was mitigated, but not completely ruled out.

### Conflict of Interest

The authors of this article declare no conflict of interest.

### References

- Ali, P. A., & Naylor, P. B. (2013). Intimate partner violence: A narrative review of the feminist, social and ecological explanations for its causation. *Aggression and Violent Behavior, 18*, 611-619. <https://doi.org/10.1016/j.avb.2013.07.009>
- Allen, C. T., Swan, S. C., & Raghavan, C. (2009). Gender symmetry, sexism, and intimate partner violence. *Journal of Interpersonal Violence, 24*, 1816-1834. <https://doi.org/10.1177/0886260508325496>
- Arce, R., Fariña, F., & Seijo, D., & Novo, M. (2015). Assessing impression management with the MMPI-2 in child custody litigation. *Assessment, 22*, 769-777. <https://doi.org/10.1177/107319114558111>
- Arce, R., Fariña, F., & Vilariño, M. (2015). Daño psicológico en casos de víctimas de violencia de género: Un estudio comparativo de las evaluaciones forenses. *Revista Iberoamericana de Psicología y Salud, 6*, 72-80. <https://doi.org/10.1016/j.rips.2015.04.002>
- Baker, T., Metcalfe, C. F., & Jennings, W. G., (2013). What are the odds? Predicting specialization in offending over the life course. *Criminal Justice and Behavior, 40*, 909-932. <https://doi.org/10.1177/0093854812474262>
- Bell, K. M., & Naugle, A. E. (2007). Effects of social desirability on students' self-reporting of partner abuse perpetration and victimization. *Violence and Victims, 22*, 243-256. <https://doi.org/10.1891/088667007780477348>
- Bronfenbrenner, U. (1977). Toward an experimental ecology of human development. *American Psychologist, 32*, 513-531.
- Bouffard, L. A., & Zedaker, S. B. (2016). Are domestic violence offender's specialist? Answers from multiple analytic approaches. *Journal of Research in Crime and Delinquency* (published online before print). <https://doi.org/10.1177/0022427816656897>
- Caetano, R., Schafer, J., Field, C., & Nelson, S. M. (2002). Agreement on reports of intimate partner violence among White, Black, and Hispanic couples in the United States. *Journal of Interpersonal Violence, 17*, 1308-1322. <https://doi.org/10.1177/088626002237858>
- Capaldi, D. M., & Kim, H. K. (2007). Typological approaches to violence in couples: A critique and alternative conceptual approach. *Clinical Psychology Review, 27*, 253-265. <https://doi.org/10.1016/j.cpr.2006.09.001>
- Cardenal, V., & Sánchez, M. P. (2007). *Adaptación y baremación al español del Inventario Clínico Multiaxial de Millon-III (MCMI-III)*. Madrid: TEA.
- Cavanough, M. M., & Gelles, R. J. (2005). The utility of male domestic violence offender typologies: New directions for research, policy, and practice. *Journal of Interpersonal Violence, 20*, 155-166. <https://doi.org/10.1177/0886260504268763>
- Davison, S., & Janca, A. (2012). Personality disorders and criminal behavior: What is the nature of the relationship? *Current Opinion in Psychiatry, 25*, 39-45. <https://doi.org/10.1097/YCO.0b013e32834d18f0>
- Dutton, D. G. (1988). Profiling wife assaulters: Preliminary evidence for a trimodal analysis. *Violence and Victims, 3*, 5-29.
- Ehrensaft, M. K., Cohen, P., Brown, J., Smiles, E., Chen, H., & Johnson, J. G. (2003). Intergenerational transmission of partner violence: A 20-year prospective study. *Journal of Consulting and Clinical Psychology, 71*, 741-753. <https://doi.org/10.1037/0022-006X.71.4.741>
- Ehrensaft, M. K., Cohen, P., & Johnson, J. G. (2006). Development of personality disorder symptoms and the risk of partner violence. *Journal of Abnormal Psychology, 115*, 474-483. <https://doi.org/10.1037/0021-843X.115.3.474>
- European Union Agency for Fundamental Rights (FRA) (2014). *Violence against women: an EU-wide survey*. Retrieved from [http://fra.europa.eu/sites/default/files/fra-2014-vaw-survey-main-results-apr14\\_en.pdf](http://fra.europa.eu/sites/default/files/fra-2014-vaw-survey-main-results-apr14_en.pdf)
- Fagan, A. A. (2005). The relationship between adolescent physical abuse and criminal offending: support for an enduring and generalized cycle of violence. *Journal of Family Violence, 20*, 179-190. <https://doi.org/10.1007/s10896-005-6604-7>
- Fagan, A. A. (2013). Family-focused interventions to prevent juvenile delinquency. A case where science and policy can find common ground. *Criminology & Public Policy, 12*, 617-650. <https://doi.org/10.1111/1745-9133.12029>
- Fagan, J. (1990). Intoxication and aggression. *Crime and Justice, 13*, 241-320.
- Farrington, D. P. (2003). Developmental and life-course criminology: Key theoretical and empirical issues. *Criminology, 41*, 221-255. <https://doi.org/10.1111/j.1745-9125.2003.tb00987.x>
- Feingold, A., Kerr, D. C. R., & Capaldi, D. M. (2008). Associations of substance use problems with intimate partner violence for at-risk men in long-term relationship. *Journal of Family Psychology, 22*, 429-438. <https://doi.org/10.1037/0893-3200.22.3.429>
- Felson, R. B. (2006). Is violence against women about women or about violence? *Contexts, 5*, 21-25. <https://doi.org/10.1525/ctx.2006.5.2.21>
- Felson, R. B., & Lane, K. J. (2010). Does violence involving women and intimate partners have a special etiology? *Criminology, 48*, 321-338. <https://doi.org/10.1111/j.1745-9125.2010.00186.x>
- Flannery, D. J., Singer, M. I., van Dulmen, M., Kretschmar, J. M., & Belliston, L. (2007). Exposure to violence, mental health, and violent behavior. In D. J. Flannery, A. T. Vazsonyi, & I. D. Waldman (Ed.), *The Cambridge handbook of violent behavior and aggression* (pp. 302-321). New York, NY: Cambridge University Press.
- Flood, M., & Pease, B. (2009). Factors influencing attitudes to violence against women. *Trauma, Violence, & Abuse, 10*, 125-142. <https://doi.org/10.1177/1524838009334131>
- Fowler, K. A., & Westen, D. (2011). Subtyping male perpetrators of intimate partner violence. *Journal of Interpersonal Violence, 26*, 607-639. <https://doi.org/10.1177/0886260510365853>
- Glick, P., & Fiske, S. T. (1996). The Ambivalent Sexism Inventory: Differentiating hostile and benevolent sexism. *Journal of Personality and Social Psychology, 70*, 491-512. <https://doi.org/10.1037/0022-3514.70.3.491>
- Glick, P., & Fiske, S. T. (1999). The ambivalence toward men inventory: Differentiating hostile and benevolent beliefs about men. *Psychology of Women Quarterly, 23*, 519-536. <https://doi.org/10.1111/j.1471-6402.1999.tb00379.x>
- Golinelli, D., Longshore, D., & Wenzel, S. L. (2009). Substance use and intimate partner violence: Clarifying the relevance of women's use and partners' use. *Journal of Behavioral Health Services & Research, 36*, 199-211. <https://doi.org/10.1007/s11414-008-9114-6>
- Gondolf, E. W. (1988). Who are those guys? Toward a behavioral typology of batterers. *Violence and Victims, 3*, 187-203.
- Gracia, E., & Herrero, J. (2006). Perceived neighborhood social disorder and attitudes towards reporting domestic violence against women. *Journal of Interpersonal Violence, 22*, 737-752. <https://doi.org/10.1016/j.chiabu.2005.11.001>
- Hamberger, L. K., Lohr, J. M., Bonge, D., & Tolin, D. F. (1996). A large sample empirical typology of male spouse abusers and its relationship to dimensions of abuse. *Violence and Victims, 11*, 277-292.
- Harris, G. T., Hilton, N. Z., & Rice, M. E. (2011). Explaining the frequency of intimate partner violence by male perpetrators: Do attitude, relationships, and neighborhood variables add to antisociality? *Criminal Justice and Behavior, 38*, 309-330. <https://doi.org/10.1177/0093854810397449>
- Henning, K., Jones, A. R., & Holdford, R. (2005). "I didn't do it, but if I did I had a good reason": Minimization, denial, and attributions of blame among male and female domestic violence offenders. *Journal of Family Violence, 20*, 131-139. <https://doi.org/10.1007/s10896-005-3647-8>
- Herrero, J., & Gracia, E. (2005). Perceived frequency of domestic violence against women and neighborhood social disorder. *Psychological Reports, 97*, 712-716. <https://doi.org/10.2466/pr0.97.3.712-716>
- Herrero, J., & Gracia, E. (2007). Measuring perceived community support: Factorial structure, longitudinal invariance and predictive validity of the PCSQ (Perceived Community Support Questionnaire). *Journal of Community Psychology, 35*, 197-217. <https://doi.org/10.1002/jcop.20143>
- Herrero, J., Rodríguez-Díaz, F. J., & Torres, A. (2016). Acceptability of partner violence in 51 societies: The role of sexism and attitudes toward violence in social relationships. *Violence Against Women* (Published online before print). <https://doi.org/10.1177/1077801216642870>
- Herrero, J., Torres, A., Fernández-Suárez, A., & Rodríguez-Díaz, F. J. (2016). Generalists versus specialists: Toward a typology of batterers in prison.

- The European Journal of Psychology Applied to Legal Context*, 8, 19-26. <https://doi.org/10.1016/j.ejpal.2015.09.002>
- Herrero, J., Torres, A., Rodríguez, F. J., & Juarros-Basterretxea, J. (2017). Intimate partner violence against women in the European Union: The influence of male partners' traditional gender roles and general violence. *Psychology of Violence*, 7, 385-394. <https://doi.org/10.1037/vio0000099>
- Hilton, N. Z., & Eke, A. W., (2016). Non-specialization of criminal careers among intimate partner violence offenders. *Criminal and Justice Behavior*, 7, 385-394. <https://doi.org/10.1177/0093854816637886>
- Hilton, N. Z., Harris, G. T., & Rice, M. E. (2001). Predicting violence by serious wife assaulters. *Journal of Interpersonal Violence*, 16, 408-423. <https://doi.org/10.1177/088626001016005002>
- Holtzworth-Munroe, A., & Meehan, J. C. (2004). Typologies of men who are maritally violent: Scientific and clinical implications. *Journal of Interpersonal Violence*, 19, 1369-1389. <https://doi.org/10.1177/0886260504269693>
- Holtzworth-Munroe, A., Meehan, J. C., Herron, K., Rehman, U., & Stuart, G. L. (2000). Testing the Holtzworth-Munroe and Stuart (1994) batterer typology. *Journal of Consulting and Clinical Psychology*, 68, 1000-1019. <https://doi.org/10.1037/0022-006X.68.6.1000>
- Holtzworth-Munroe, A., Meehan, J. C., Herron, K., Rehman, U., & Stuart, G. L. (2003). Do subtypes of maritally violent men continue to differ over time? *Journal of Consulting and Clinical Psychology*, 71, 728-740. <https://doi.org/10.1037/0022-006X.71.4.728>
- Holtzworth-Munroe, A., & Stuart, G. L. (1994). Typologies of male batterers: Three subtypes and the differences among them. *Psychological Bulletin*, 116, 476-497. <https://doi.org/10.1037/0033-2909.116.3.476>
- Kiss, L., Schraiber, L. B., Hossain, M., Watts, C., & Zimmerman, C. (2015). The link between community-based violence and intimate partner violence: The effect of crime and male aggression on intimate partner violence against women. *Prevention Science*, 16, 881-889. <https://doi.org/10.1007/s11211-015-0567-6>
- Kiwi, H. G., & Sadeghi, A. (2015). Investigating the prevalence of personality disorders in relation with recidivism among prisoners. *European Journal of Forensic Sciences*, 2, 6-9. <https://doi.org/10.5455/ejfs.186161>
- Kretschmar, J. M., & Flannery, D. J. (2007). Substance use and violent behavior. In D. J. Flannery, A. T. Vazsonyi, & I. D. Waldman (Ed.), *The Cambridge Handbook of Violent Behavior and Aggression*. New York, NY: Cambridge University Press.
- Láng, A., & Birkás, B. (2014). Machiavellism and perceived family functioning in adolescence. *Personality and Individual Differences*, 63, 69-74. <https://doi.org/10.1016/j.paid.2014.01.065>
- LeBlanc, M. (2005). An integrative personal control theory of deviant behavior: Answers to contemporary empirical and theoretical developmental criminology issues. In D. P. Farrington (Ed.), *Integrated developmental and life course theories of offending* (pp. 125-163). New Brunswick, NJ: Transaction.
- Lisco, C. G., Parrott, D. J., & Tharp, A. T. (2012). The role of heavy episodic drinking and hostile sexism in men's sexual aggression toward female intimate partners. *Addictive Behaviors*, 37, 1264-1270. <https://doi.org/10.1016/j.addbeh.2012.06.010>
- Logan, T. K., Walker, R., & Leukefeld, C. G. (2001). Intimate partner and nonintimate violence history among drug-using, incarcerated men. *International Journal of Offender Therapy and Comparative Criminology*, 45, 228-243. <https://doi.org/10.1177/0306624X01452008>
- Markowitz, F. E., Bellair, P. E., Liska, A., & Liu, J. H. (2001). Extending social disorganization theory: Modeling the relationships between cohesion, disorder, and fear. *Criminology*, 39, 205-218. <https://doi.org/10.1111/j.1745-9125.2001.tb00924.x>
- Mauricio, A. M., Tein, J. Y., & Lopez, F. G. (2007). Borderline and antisocial personality scores as mediators between attachment and intimate partner violence. *Violence and Victims*, 22, 139-157. <https://doi.org/10.1891/088667007780477339>
- Meldrum, R. C., Connolly, G. M., Flexon, J., & Guerette, R. T. (2015). Parental low self-control, family environments, and juvenile delinquency. *International Journal of Offender Therapy and Comparative Criminology*, 60, 1623-1644. <https://doi.org/10.1177/0306624X15584907>
- Millon, T. (1997). *Millon Clinical Multiaxial Inventory-III (MCMI-III) manual* (2nd ed.). Minneapolis, MN: National Computer Systems.
- Millon, T., Davis, R., & Millon, C. (2007). *MCMI-III. Manual*. Madrid, Spain: TEA Ediciones.
- Moffit, T. E., & Caspi, A. (1999). *Findings about partner violence from the Dunedin multidisciplinary health and development study*. Washington, DC: National Institute of Justice.
- Moffit, T. E., Krueger, R. F., Caspi, R., & Fagan, J. (2000). Partner abuse and general crime: How are they the same? How are they different? *Criminology*, 38, 199-232. <https://doi.org/10.1111/j.1745-9125.2000.tb00888.x>
- Moos, R. H., & Moos, B. S. (1994). *Family Environment Scale Manual: Development, applications, research* (third edition). Palo Alto, CA: Consulting Psychologist Press.
- O'Brien, D. T., & Sampson, R. J. (2015). Public and private spheres of neighborhood disorder: Assessing pathways to violence using large-scale digital records. *Journal of Research in Crime and Delinquency*, 52, 486-510.
- Peters, J. R., Derefinco, K. J., & Lynam, D. R. (2016). Negative urgency accounts for the association between borderline personality features and intimate partner violence in young men. *Journal of Personality Disorders*, 30, 234-243. <https://doi.org/10.1521/pepi.2016.30.234>
- Pinchevsky, G. M., & Wright, E. M. (2012). The impact of neighborhoods on intimate partner violence and victimization. *Trauma Violence Abuse*, 13, 112-132. <https://doi.org/10.1177/1524838012445641>
- Piquero, A. R., Theobald, D., & Farrington, D. P. (2014). The overlap between offending trajectories, criminal violence, and intimate partner violence. *International Journal of Offender Therapy and Comparative Criminology*, 58, 286-302. <https://doi.org/10.1177/0306624X12472655>
- Reingle, J. M., Jennings, W. G., Connell, N. M., Businelle, M. S., & Chartier, K. (2014). On the pervasiveness of event-specific alcohol use, general substance use, and mental health problems as risk factors for intimate partner violence. *Journal of Interpersonal Violence*, 29, 2951-2970. <https://doi.org/10.1177/0886260514527172>
- Ross, J. M., & Babcock, C. (2009). Proactive and reactive violence among intimate partner violent men with antisocial and borderline personality disorder. *Journal of Family Violence*, 24, 607-617. <https://doi.org/10.1007/s10896-009-9259-y>
- Rothman, E. F., McNaughton, L., Johnson, R. M., & LaValley, M. (2012). Does the alcohol make them do it? Dating violence perpetration and drinking among youth. *Epidemiologic Reviews*, 34, 103-119. <https://doi.org/10.1093/epirev/mxr027>
- Ruiz-Hernández, J. A., García-Jiménez, J. J., Llor-Esteban, B., & Godoy-Fernández, C. (2015). Risk factors for intimate partner violence in prison inmates. *The European Journal of Psychology Applied to Legal Context*, 7, 41-49. <https://doi.org/10.1016/j.ejpal.2014.11.003>
- Saunders, D. G. (1991). Procedures for adjusting self-reports of violence for social desirability bias. *Journal of Interpersonal Violence*, 6, 336-344. <https://doi.org/10.1177/088626091006003006>
- Saunders, D. G. (1992). A typology of men who batter; three types derived from cluster analysis. *American Journal of Orthopsychiatry*, 62, 264-275. <https://doi.org/10.1037/h0079333>
- Shield, M., McCall, G., & Hanneke, C. (1988). Patterns of family and nonfamily violence: Violent husbands and violent men. *Violence and Victims*, 3, 83-97.
- Smilkstein, G. (1978). The Family APGAR: A proposal for family function test and its use by physicians. *Journal of Family Practice*, 6, 1231-1239.
- Smith, H. S., Homish, G. G., Leonard, K. E., & Cornelius, J. R. (2012). Intimate partner violence and specific substance use disorders: Findings from the national epidemiologic survey on alcohol and related conditions. *Psychology of Addictive Behaviors*, 26, 236-245. <https://doi.org/10.1037/a0024855>
- Stefánsson, R., & Hesse, M. (2008). Personality disorders in substance abusers: A comparison of patients treated in a prison unit and patients treated in inpatient treatment. *International Journal of Mental Health and Addiction*, 6, 402-406. <https://doi.org/10.1007/s11469-007-9134-0>
- Straus, M. A., Hamby, S., Boney-McCoy, S., & Sugarman, D. (1996). The Revised Conflict Tactics Scales: Development and preliminary psychometric data. *Journal of Family Issues*, 17, 283-316. <https://doi.org/10.1177/019251396017003001>
- Sugarman, D. B., & Hotaling, G. T. (1997). Intimate violence and social desirability: A meta-analytic review. *Journal of Interpersonal Violence*, 12, 275-290. <https://doi.org/10.1177/088626097012002008>
- Swogger, M. T., Walsh, Z., & Kosson, D. S. (2007). Domestic violence and psychopathic traits: Distinguishing the antisocial batterer from other antisocial offenders. *Aggressive Behavior*, 33, 1-8. <https://doi.org/10.1002/ab.20185>
- Theobald, D., Farrington, D. P., Coid, J. W., & Piquero, A. R. (2015). Are male perpetrators of intimate partner violence different from convicted violent offenders? Examination of psychopathic traits and life success in males from a community survey. *Journal of Interpersonal Violence*, 31, 1687-1718. <https://doi.org/10.1177/0886260515569061>
- Thomas, K. A., Dichter, M. E., & Matejkowski, J. (2011). Intimate versus nonintimate partner murder: A comparison of offender and situational characteristics. *Homicide Studies*, 15, 291-311. <https://doi.org/10.1177/1088767911417803>
- Van de Mortel, T. F. (2008). Faking it: Social desirability response bias in self-report research. *Australian Journal of Advanced Nursing*, 25, 40-48.
- Vanassche, S., Sodermans, A. K., Matthijs, K., & Swicegood, G. (2013). The effects of family type, family relationships and parental role models on delinquency and alcohol use among Flemish adolescents. *Journal of Child and Family Studies*, 23, 128-143. <https://doi.org/10.1007/s10826-012-9699-5>
- Van Wyk, J. A., Benson, M. L., Fox, G. L., & DeMaris, A. (2003). Detangling individual-partner-, and community-level correlates of partner violence. *Crime and Delinquency*, 49, 412-438. <https://doi.org/10.1177/0011128703049003004>
- Walsh, Z., Swogger, M. T., O'Connor, B. P., Schonbrum, Y. Ch., Shea, M. T., & Stuart, G. L. (2010). Subtypes of partner violence perpetrators among male and female psychiatric patients. *Journal of Abnormal Psychology*, 119, 563-574. <https://doi.org/10.1037/a0019858>
- World Health Organization (WHO). (2002). *World report on violence and health*. Washington, DC: Author.
- World Health Organization (WHO). (2016). *Violence against women: Intimate partner and sexual violence against women*. Retrieved from <http://www.who.int/mediacentre/factsheets/fs239/en/>