Do Female Offenders Differ? Comparing the criminal histories of serious violent perpetrators with a control sample

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Abstract

In view of earlier research, female offenders have not received as much attention as male perpetrators. Thus, the research aimed to gain insight into the types of offences committed by serious violent female offenders (n = 206; those who had committed grievous bodily harm, attempted murder, or homicide) and to explore differences with control female perpetrators (n = 447); control offenders were matched according to age and year of offence of the serious violent offenders. The purpose was to therefore gather an understanding of female offenders, and to determine if the serious violent perpetrators differed from the control sample. A UK police force provided data of offences committed between April 2001 and April 2011. Descriptive information was analysed, with comparisons being made using Mann-Whitney U tests and Chi-Square analysis. 72.3% (n = 149) of serious violent offenders had one or more recorded convictions, and were significantly more likely to have committed a previous violent offence, than the control sample. On the other hand, control perpetrators had a higher likelihood of having previously committed a theft-related offence, when compared to serious violent females. Therefore, the findings indicate the types of offences committed by female offenders and highlight the differences between serious violent perpetrators and offenders in the control sample. The implications, limitations and suggestions for future research are discussed.
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1. Introduction

Criminal literature has, for many decades, concentrated on male perpetrators, with female offenders receiving little attention (Campbell, 1993; Thornton, Graham-Kevan, & Archer, 2012). Limitations relating to female offending links to the topic of gender differences; there are current arguments for a gender-neutral perspective to crime (Andrews & Dowden, 2006; Nicholls & Petrila, 2005), with a lack of empirical support for innovative gendered methods stated in literature (e.g. Havens, Ford, Grasso & Marr, 2012; Heilbrun, DeMatteo, Marczyk, & Goldstein, 2008) despite counterclaims that females may have different trajectories to offending (e.g. Leschied, 2011). Although criminal practices that have been developed on male samples are argued to be applicable to females (e.g. Heilbrun et al., 2008; Murphy, Brecht, Huang, & Herbeck, 2012; van Voorhis, Wright, Salisbury, & Bauman, 2010), if male and female offenders do differ, employing poorly informed practices to females would not result in effective outcomes (Dvoskin, Skeem, Novaco, & Douglas, 2011).

Furthermore, there is a need to explore the differences, and similarities, between serious violent (SV) offenders. While literature has investigated perpetrators of homicide and other violent perpetrators (Soothill, Francis, Ackerley, & Fligelstone, 2002), homicide and attempted murder criminals (Ganpat, Liem, van der Leun, & Nieuwbeerta, 2014), and homicide and aggravated assault offenders (Smit, Bijleveld, Brouwers, Loeber, & Nieuwbeerta, 2003), there is a scarcity in comparing various types of SV offenders. Ganpat and colleagues (2014) underlined their research as the first comparison of particular SV criminals and their criminal history, to their knowledge, with research urging for further explorations of SV offenders (Polaschek, 2006). In light of the arguments relating to the impact of gender differences on serious violence, research must determine to what extent SV offenders are a homogenous, or heterogeneous, set of perpetrators.

There are reports of an increase in violent female criminality (e.g. Nicholls, Cruise, Greig, & Hinz, 2015); a higher proportion of female offenders were arrested for violence against the person in 2015/16 (females: 38%; males: 34%; Ministry of Justice [MoJ], 2016). However, Thornton and colleagues (2012) highlighted the likelihood that statistics of violent crimes committed by female perpetrators are not an accurate reflection of actual rates of offending. Researchers (e.g. George, 1999, 2003; Simmons, Lehmann, Cobb, & Fowler, 2005) proposed an explanation for this, as it is argued that more men faced immediate custody (83%) than women (68%), with fines being more likely to be issued to females (82%) than males (65%; MoJ, 2016). Furthermore, Kong and AuCoin (2008) noted how female offending could be somewhat undetected, due to the focus being drawn to the much larger male offender.
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Yet, Trägårdh, Nilsson, Granath and Sturup (2016) stated, “less is known about female homicide offenders” (p.126). Thus, while there has been an increase in focus on female perpetrators over the past few years (Rettinger & Andrews, 2010), many attempts to explore female criminality have focused on specific variables (Loucks & Zamble, 1999), such as psychopathy, mental health and intimate partner violence (IPV). Yet, for a group of offenders referred to as a “unique and rapidly expanding population” (Nicholls et al., 2015, p.79), it is evident further explorations are necessary. When attention has turned to female perpetrators and investigated whether there are risk factors specific to the gender of the offender, empirical findings are consistently limited by small samples (Tracy, Wolfgang, & Figlio, 1990). Not only is research into female offenders necessary to support the development of practitioner risk tools, it is also of importance to public welfare (Nicholls et al., 2015). Further research into risk factors of SV females would inform investigative practices, in addition to aiding in decision-making within court proceedings (West, Hatters, Friedman, & Kim, 2011).

1.1 Theoretical Approaches to Female Criminality

In view of gender in theories of crime, concerns have been noted surrounding how effective theories, which are characteristically dominated by male offenders, can explain female perpetrators (McRobbie & Garber, 2005; Steffensmeier & Allan, 1996; Vold, Bernard, & Snipes, 2002), due to the failure to factor in the gender gap in criminal behaviour (McRobbie & Garber, 2005; Nwalozie, 2015). There are arguments that support the application of criminal theory to females (Hartjen & Priyadarsini, 2003), such as claims surrounding the similarities in male and female offender’s backgrounds, including poor education, unemployment, low socioeconomic status and social control (e.g. Chesney-Lind & Shelden, 1992; Giordano, Cernkovich, & Pugh, 1986; Steffensmeier & Allan, 1995, 1996). Further, both males and females were more likely to engage in criminality when a romantic partner offended (Alarid, Burton, & Cullen, 2000), yet Benda (2005) argued there was a greater negative impact on females. In addition, peer encouragement to participate in criminality was more pertinent for males (Simons, Stewart, Gordon, Conger, & Elder, 2002) and deemed less influential to females (Mears, Ploeger, & Warr, 1998). Thus, it is evident that a deeper theoretical understanding of female offenders is required; Chesney-Lind and Pasko (2013) argued the application of theory to female offenders was problematic, with Smart (2013) claiming that the “knowledge of the nature of female criminality is still in its
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infancy” (p. 1). Although the current research does not investigate factors that provide the basis for theories of criminal behavior, such as peer groups, significant life events or socioeconomic status, it aims to conduct an exploratory analysis to obtain a clearer understanding of female offenders and thus make an initial effort to address this lack of understanding.

1.2 Research on Female Offenders: Age

Descriptive research of female offenders is limited as, for example, investigation of violent female offenders appears to include another aspect, such as a focus on IPV (e.g. Caman et al., 2016; Thornton et al., 2012), sexual homicide (Chan & Frei, 2013), or psychotic disorders (e.g. Bennett, Ogloff, Mullen, & Thomas, 2012). In regards to the onset age of violence, research reports this to be earlier in female offenders (e.g. Moffitt, Caspi, Rutter, & Silva, 2001; Serbin & Karp, 2004); in comparison to nonviolent perpetrators, violent females were reported to be significantly younger (Goldstein & Higgins, D’Alessandro, 2001; Pollock, Mullings, & Crouch, 2006). Furthermore, Heidensohn and Silvestri (2012) highlighted that females typically peak in their offending in their mid-teens (Gelsthorpe, Sharpe, & Roberts, 2007; Home Office, 2003). Yet, there are mixed reports in literature relating to the age of violent females, as there have also been reports of late-twenties (e.g. Bonta, Pang, & Wallace-Capretta, 1995; Chan & Frei, 2013; Murdoch, Vess, & Ward, 2012; Thornton et al., 2012), with others reporting offenders to be in their thirties (e.g. Bennett et al., 2012; Pollock et al., 2006; Rettinger & Andrews, 2010). Thus, comparing the average age of females is problematic due to the inconsistencies within literature. For example, the average age was noted at different points (e.g. during incarceration), with other instances not specifying when the age referred to. Additionally, the offenders are argued to be from “unrepresentative subpopulations” (Loucks & Zamble, 1994, p. 22), thus making associations difficult.

1.3 Research on Female Offenders: Criminal History

Women who have engaged in violence have been reported to have an offending history (Busch & Rosenberg, 2004; Moffitt et al., 2001). Statistics provided by MoJ (2016) reported that 16% of females, who were sentenced for an indictable offence, had no previous cautions or convictions, with 31% of female offenders having 15+ previous convictions or cautions, suggesting that a large proportion of female perpetrators do not have a substantial criminal history (Forsyth, Wooddell, & Evans, 2001; Rossegger et al., 2009; Yourstone, Lindholm,
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Kristiansson, 2008). However, it is important to highlight that the proportion of females, with 15+ previous convictions or cautions, has “risen to a greater extent” (p. 96) than males over the last decade (MoJ, 2016). In terms of the types of previous convictions, research conducted by Thornton and colleagues (2012) identified “all types of offending behaviour” (p. 1412) in a female sample, including IPV, general violence and other thefts (e.g. shoplifting). This is further evident in the prior offences committed by females in additional research, including crimes relating to public order (Alder & Worrall, 2004; McKeown, 2010), drugs, property, theft (e.g. McKeown, 2010) and general aggression (Moffitt et al., 2001).

Pollock and colleagues (2006), in their assessment of violent and nonviolent female prisoners, stated that offenders, currently convicted of drug and property offences, had reported committing violent offences in the previous year. Self-report measures found that violent, in comparison to non-violent, offenders had a criminal history that included theft of vehicle, weapons, handling, gang membership, shoplifting and damaged property. Similarly, MoJ (2016) reported that violence against the person, theft and drug crimes were the most common offences for females to be convicted of.

1.4 Summary

Explorations between female SV and non-SV perpetrators are sparse in literature (e.g. Pollock et al., 2006). While female offenders are beginning to gain focus (Rettinger & Andrews, 2010), earlier research has been criticised for the lack of attention towards gender and criminality (Shaw, 1994; Soothill et al., 2002), with this stressing the need to explore violent, and nonviolent, reoffending in female perpetrators. Furthermore, there is still a requirement for an in-depth understanding of female offenders to assist in crime prevention strategies and to determine which offenders are at risk of reoffending (Kong & AuCoin, 2008); de Vogel and colleagues (2014) argued that empirical investigations of female-centered risk assessment are overshadowed by the magnitude of the perceived problem of male SV offending. Regardless, research into female offending reports mixed findings. Moreover, theories developed to explain female offending fail to explain the variety of all offences committed (e.g. assault or murder; Loucks & Zamble, 1999). Thus, the aim was to investigate factors of SV female offenders to achieve a further understanding of this offending group. In particular, this research aimed to determine if SV females differ to their non-SV counterparts (the control sample).

1.5 Aims of the Study
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i. To develop the existing understanding of female offenders by exploring descriptive and criminal history information;

ii. To compare SV female offenders to a control group, of non-SV female perpetrators, to identify differences in the age at the first offence in the dataset, the frequency of offending and the presence of crime types in their criminal history.

2. Methodology

2.1 Sample: SV Female Offenders

In the current research, a SV offence was recorded as grievous bodily harm (GBH), attempted murder or homicide. The dataset provided by Devon and Cornwall Police Force ranged from April 2001 to March 2011. Therefore, SV offences were identified from a specified period of time (April 2005 to March 2011) to ensure that there would be a reasonable amount of time in the remaining dataset for previous offences to be traced. Between April 2005 and March 2011, in the Devon and Cornwall area, 206 SV female offenders were classified as committing a SV offence. Offending details known to the police were recorded, as was the age of offenders at the time of committing the target offence (attempted murder, GBH or homicide) and at the time of the first offence; it is crucial to note that this is the first offence that is recorded within the database (from April 2001) and therefore may not be the first offence committed by the offender. Nevertheless, there is a good follow-up period for all offenders, as this would be a minimum of 4 years; for example, for an offender who committed a SV offence in April 2005, their criminal history dating back to April 2001 would be available.

2.2 Sample: Control Offenders (Non-SV)

Soothill and colleagues (2002) stated the importance of determining the difference between serious and general criminals; in order to do this, a control group must be formed, with a suggestion that three controls per violent offender is appropriate. Additionally, Soothill et al. (2002) highlighted the need to include offenders who are still ‘active’; therefore, offenders in the control group will have committed a non-SV offence within the same calendar year as SV offenders. The control sample was constructed to enable comparisons to be made with the SV sample; as the control group consisted of offenders with convictions for non-, or lesser-, violent crimes, it assisted in identifying instances of the heterogeneity, or homogeneity, of perpetrators. Therefore, an essential criterion for the
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control sample was that members within this sample did not have any convictions for SV
offences, between April 2001 and March 2011.

Therefore, offenders within this sample had not committed a SV offence between April
2001 and March 2011, as recorded by Devon and Cornwall police. The remaining cases were
then matched according to age and year of the target offence of criminals in the SV group.
Control offenders were only required for SV offenders with an offending history \(n = 149;\)
Soothill et al., 2002), resulting in a comparison sample of 447 non-SV female offenders.

2.3 Design

The current research proposed to conduct a retrospective analysis, where the individuals
within the sample are examined through the offender characteristic of age and criminal
history information (offending frequency and crime types) to detect differences between
female SV and control offenders. Age at the target offence was not investigated due to SV
and control offenders being matched on this criterion.

2.4 Procedure

The age of female perpetrators and the criminal history of each offender were explored.
Each offender was coded, in terms of age at the first recorded offence\(^1\) in the dataset, the
frequency of offending and the types of crimes committed by the offenders, according to four
crime categorisation schemes. Almost 250 types of crime were recorded within the dataset;
the offences from the police dataset were grouped according to a number of offence
categorisation schemes. Criminal histories were examined according to four, eight, 15 and 24
crime categorisation schemes (see Table 1). The use of four categories was based on previous
research (e.g. Harris, Smallbone, Dennison, & Knight, 2009), with eight categories drawn
from the more general offence categories presented in the police data. As used by Harris and
colleagues (2009), the present research used the current Australian and New Zealand
Standard Offence Classification (ANZSOC; Pink, 2011); this identified 16 categories,
however one category was not applicable to the UK dataset (Dangerous or negligent acts
endangering persons) and therefore 15 categories remained. The 24 categories were identified
from those used by the Home Office (2012), with consideration of the 38 offence groups used
by Francis, Liu and Soothill (2008). It is important to highlight that there are categories
present in the 15 (serious violent), and 24 (attempted murder, GBH, homicide), offence

\(^1\) Since April 2001
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categorisation schemes that are not applicable to the control sample, as offenders within the control sample, by definition, did not contain such offences in their criminal history.

2.5 Statistical Analyses

The variables of age at first offence within the database and the frequency of offending were assessed for normal distribution; each variable reported a significant Kolmogorov-Smirnov statistic, thus violating the assumption of normality. Moreover, the histograms depicted a skewed distribution. Therefore, Mann-Whitney U tests were utilised to explore the differences between the SV and control female samples. Descriptive analyses investigate the previous offending history of SV offenders to add to the existing, yet somewhat limited, understanding of SV females and the nature of their criminality. Statistical analyses explored whether there were differences in the SV and the control samples, in terms of:

i. The age at the first offence in the dataset and the frequency of offending (Mann Whitney U analysis);

ii. The presence of offence types (2x2 Chi-square analysis).

3. Results

3.1 Age

3.1.1 SV Offenders. In terms of the age of offenders at the time of the first offence recorded within the database (i.e. post 2001), the ages ranged from nine to 53 years \((n = 149)\). The median age recorded was 19.00, with an average age of 22.92 years \((SD = 10.01)\). The age of offenders, at the time of committing the target offence, ranged from 13 to 62 years. The mean age of females was 27.00 years \((SD = 10.38)\), with a median of 24.00 years. When only females with previous convictions were included, the median was 24.00 years, with a range from 13 to 60 years \((M = 27.07, SD = 10.15)\).

3.1.2 Control offenders. When the target offence was committed, the average age of the control group was 26.99 years old \((SD = 9.94)\) and the median age was 24.00 years, with the youngest offender recorded as 13 years and the oldest being 60 years old \((n=447)\). The mean age of female controls, at the time of the first offence that was recorded in the database, was 22.56 years \((SD = 9.47)\) and the median age was 20.00 years.

3.1.3 A comparison of SV female and control offenders. SV offenders with previous convictions \((n = 149)\) and control offenders \((n = 447)\) were compared in relation to the age at the time of committing the first offence; no significant differences were found \((p > .05)\).

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3.2 Frequency of Offending

3.2.1 SV offenders. This section of the analysis considered only those offenders with previous convictions; 57 (27.7%) SV females had not previously been charged with an offence. Thus, 72.3% \((n = 149)\) of offenders had one or more recorded convictions. From the analysis of the 149 females, the number of previous convictions (post 2001) ranged from one to 50; the average number of prior offences was 5.81 \((SD = 6.79)\), with a median score of 4. The most common number of previous convictions was one \((n = 40)\), followed by two \((n = 16)\), three \((n = 15)\) and five offences \((n = 14)\), with one perpetrator being held responsible for 50 prior crimes.

3.2.2 Control offenders. Within this sample, the number of previous convictions stretched from 1 to 154, with a median score of 3 and an average of 7.22 \((SD = 12.35)\). It is important to note here that this sample was randomly selected from all appropriate matches that had been highlighted and so this is a fair representation of all non-SV offenders within the dataset.

3.2.3 A comparison of SV female and control offenders: frequency of offending. No significant differences were found between the sample of SV offenders, compared with the control sample, in terms of the number of previous convictions \((p > 0.05)\).

3.3 Types of Previous Convictions

3.3.1 SV offenders. Table 2 shows the types of previous convictions committed by SV offenders. Of the 149 perpetrators with prior offences, across each of the categorisation schemes, sexual offences were not recorded; in addition, no crimes of justice (15 categories) or abduction (24 categories) were noted. The largest proportions of female criminality were identified within the violent offences (four categories: 75.8% violent; eight categories: 74.5% violent; 15 categories: 65.8% cause injury; 24 categories: 53.0% ABH). Fewest SV offenders were reported to have previously committed burglary-related offences (8 categories: 9.4% burglary/robbery; 15 categories: 6.7% burglary, 4.0% robbery; 24 categories: 4.0% domestic burglary, 2.7% non-domestic burglary) and theft-related crimes (15 categories: 6.0% fraud; 24 categories: 6.0% fraud and forgery, 0.7% theft from vehicle, 0.7% vehicle interference), and were unlikely to have been charged for a weapons offence (15 categories: 3.4% weapons; 24 categories: 3.4% possession of weapon).

3.3.2 Control offenders. The types of previous convictions committed by the control sample are shown in Table 2. All females within the control sample had a previous conviction recorded. Other (4 categories: 76.7% other; 8 categories: 39.1% non-notifiable; 15
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categories: 35.1% miscellaneous; 24 categories: 37.9% criminal damage), violent (4
categories: 64.3% violent; 8 categories: 63.7% violent; 15 categories: 51.6% cause injury; 24
categories: 39.2% ABH, 27.0% assault) and theft (4 categories: 52.3% property; 8 categories:
48.3% theft/handling; 15 categories: 48.6% theft; 24 categories: 43.5% other theft) crimes
were frequently observed in the control sample. Within this sample, fewest offences were
recorded in terms of sexual crimes (1.8% across all four crime categorisation schemes).

3.3.3. A comparison of SV female and control offenders: types of crime. Chi-square
analyses were conducted to investigate the differences in the types of crimes committed in
the criminal histories of female SV, compared to control offenders. When the four crimes
categorisation scheme was applied, significant differences between the SV and control
groups were observed (see Table 3); violent offences were twice as likely to appear in the
criminal histories of SV females compared to their non-SV counterparts, with the control
sample being at an increased likelihood of having previously committed a property offence.

In relation to the eight offences categorisation scheme (Table 4), SV female offenders
were found to have double the probability of having a previous conviction for violence,
whilst the control offenders had a significantly higher likelihood of committing theft/handling
crimes.

When comparing offender criminal histories in regards to the 15 crimes categorisation
scheme (see Table 5), SV females were three times more likely to previously commit public
order offences, and almost twice as likely to have a previous conviction for cause injury,
compared to the control sample. Yet, controls were more likely to have a prior offence of
theft, when compared to female SV offenders.

In the comparison of offences within the 24 crimes categorisation scheme (see Table 6),
SV females were more likely to have committed ABH or assault, than controls. On the other
hand, those in the control sample had an increased likelihood of having previously committed
other theft, when compared to their SV counterparts. No other statistically significant
differences were detected ($p > .05$). Small and medium effect sizes were reported.

4. Discussion

Female offenders have been relatively ignored in previous research (e.g. Bonta et al.,
1995; Loucks & Zamble, 1999; Nicholls et al., 2015; Soothill et al., 2002; Thornton et al.,
2012). Thus, with the aim of developing the current awareness of female criminality, this
study adopted a retrospective approach to explore such SV offenders and their criminal
histories. The current research utilised data that ranged across a 10-year period to compare
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the offending histories of 149 SV female offenders to 447 non-SV female offenders (the control sample). This enabled a comparison to be made, to determine if female SV offenders differed to non-SV perpetrators.

Offenders from both samples were compared on age at the first offence that was recorded in the database; no significant differences were detected between SV and control females. Nonetheless, the descriptive data adds to the sparse literature of SV female perpetrators (Nicholls et al., 2015). While it is difficult to make comparisons with existing research, due to the differences in when the age of the offender was recorded (e.g. Rettinger & Andrews [2010] recorded the age of the offenders at the time the survey was completed, while the offender was incarcerated) or the specificity of offences (e.g. intimate partner homicide, Caman et al., 2016), this research will assist in painting a clearer picture of SV female offenders. SV female offenders, in the current research, generally reflected the ages reported for SV perpetrators in previous literature, in terms of both the age at the first offence and the age at the time of committing the SV crime (e.g. Murdoch et al., 2012; Thornton et al., 2012).

In regards to previous convictions, 72.3% of the SV sample (n = 149) had one or more offences recorded in their criminal history, comparable to the 68.2% of Rettinger and Andrews (2010) violent female sample. The remaining 27.7% of the SV female offenders had not been held responsible for a prior crime, during the given time frame. The frequency of offending did not differ significantly between the SV and control samples.

Across the four crime categorisation schemes, SV females were more likely to have a prior conviction for violent offences, compared with perpetrators in the control sample, thus lending support to previous literature that has stated the presence of general violence and aggression in violent female offender’s criminal histories (e.g. Moffitt et al., 2001; Pollock et al., 2006; Thornton et al., 2012). Moreover, robbery has been argued to be less likely to appear in the prior offences of females (Pollock et al., 2006), with the current research reporting 3.4% of the SV sample having committed robbery. Whereas, theft-related crimes have been identified in the offending history of violent female perpetrators (e.g. Pollock et al., 2006), yet the current research identified such offences to be more likely associated with females in the control sample. This highlights the dissimilarities apparent between SV and non-SV female offenders. Further, earlier research reported criminal damage was likely to appear in the criminal histories of SV offenders (Howard & Dixon, 2013; Pollock et al., 2006; Thornton et al., 2012); yet, although not significantly different, a higher proportion of non-SV females had convictions for criminal damage.
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Interestingly, the offence of kidnapping was not recorded in the SV or control groups; in research by Soothill and colleagues (2002), kidnapping was found in male offenders who went on to commit murder. Liu, Francis and Soothill (2008) delved into this topic of research, in consideration of gender, and found that 282 offenders in the sample, of which 14 were females, had a conviction of kidnapping. Yet again, other research did not record any offences of abduction in the sample (Rossegger et al., 2009). Consequently, the findings are mixed and would benefit from further insight.

4.1 Implications

Within the general area of forensic psychology, a number of significant relationships have emerged between researchers and practitioners; this has developed into a strong partnership that benefits both parties, resulting in a demand for evidence-based research, with outcomes that may have a subsequent impact on operational practice in the community (Taylor, Snook, Bennell, & Porter, 2015). For example, Wermink and colleagues (2016) highlighted the use of empirical research to inform the sentencing of offenders, in addition to other judicial and practical decisions, such as the type of action, treatment, community management and supervision needs (Craig, Beech, & Cortoni, 2013; Hilton, Harris, & Rice, 2010; Soothill, Francis, & Liu, 2008). What is more, Zagar, Grove and Busch (2013) reported the need for policies to review violence due to the impact this has, in terms of the costs to society and increasing demands on the prison system. As a result of the recent economic crisis and cuts to the police force in the UK, it is necessary to adapt, develop and implement cost-effective approaches. In addition, the assessment of risk by practitioners is essential (Hollin, 2009), as a practitioner must make decisions about offenders that may lead to the public being at risk if the practitioner was to make the wrong decision. Furthermore, the predictors for further criminality may differ according to the offender and the crime that they commit, as if offenders are not a homogenous group they would require different risk assessment tools (Hollin, 2009). There are practical implications of differentiating between violent and nonviolent offenders; the presence of differences between these perpetrators would suggest the allocation of resources should therefore differ according to the type of offender and the subsequent risk of harm to society (Lai, Zeng, & Chu, 2015). Thus, the current findings lend insight into SV female offenders and their criminal histories, and how they may – or may not – differ from non-SV female perpetrators.

4.1.1 Theoretical implications. Explorations into female offenders is limited, with a failure to agree if theories of crime can be applied to both sexes (e.g. Alarid et al., 2000;
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Benda, 2005; Giordano, Cernkovich, & Holland, 2003; Kruttschnitt, Uggen, & Shelton, 2000). While further details (e.g. peers, relationships, motivations) would be necessary to comment on specific theories of crime, the current research suggests that theory must consider both the gender of the offender and the type of crimes they commit, and thus should not treat perpetrators as a homogenous group.

4.1.2 Practical implications. As noted, in terms of differences between violent and nonviolent criminals, this has implications for the criminal justice system, such as allocating resources appropriately to those at most risk of harm to society (Lai et al., 2015). Additionally, Soothill and colleagues (2002) stressed the value of understanding criminal careers for those within the criminal justice system; in particular, offender characteristics, criminal history and the severity of the crime have been argued to have an impact on this decision-making (Spohn, 2000; Wermink et al., 2016). Violent offending was recorded in this female sample, with differences found between women in the SV and control samples; this enhances the current claims for more attention to be turned to females in research (e.g. Nicholls et al., 2015). Moreover, as established earlier, decisions relating to the likes of sentencing and parole are often influenced by the defendant’s gender (e.g. Tillyer, Hartley, & Ward, 2015); thus, the current findings go some way in informing and demonstrating the criminality displayed by females (e.g. West et al., 2011).

In consideration of the crime categorisation schemes, applying each set of crime categories detected differences and relationships within the data. Thus, this questions whether specific offence categories would be beneficial to research and practitioners, as utilising broader crime categories risks hiding important details. Harris and colleagues (2009) recommended using fewer offence categories arguing it may be more advantageous in terms of methodology. Yet this could be argued to be undesirable due to the risk of grouping offenders who would otherwise be categorised differently, if more specific crime types were used. Similarly, Youngs, Ioannou and Eagles (2016) considered the limitations of using broad crime categories, warning that a perpetrator’s criminality could be oversimplified and thus not give an accurate representation of their offending. On the other hand, a limitation of using too many categories is the inclusion of minor crime categories, such as traffic offences, which do not demonstrate serious offences (Horning, Salfati, & Crawford, 2010) and could therefore be argued to be meaningless; similarly, Brame, Mulvey, Piquero and Schubert (2014) questioned the use of ‘other’ and ‘miscellaneous’ categories. Adding support for the need for consistency amongst research, Nieuwbeerta, Blokland, Piquero and Sweeten (2011) noted difficulties in making comparisons amongst research as a result of the different
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categories used. What is more, considering the use of categories has importance implications to practitioners (e.g. Loeber & Ahonen, 2014).

4.2 Limitations

Access to police data is valuable to research; the use of such data provides researchers with a way to investigate a variety of forensic topics (Alison, Snook, & Stein, 2001). However, police data is not without its limitations. The information documented was for police investigations (Alison et al., 2001), where the goal is to achieve a conviction of the guilty offender(s), as opposed to research purposes (Almond, McManus, & Ward, 2013; Canter & Alison, 2003) and as such the research design and methodology was not a primary consideration (i.e. other details not considered to be relevant to conviction might have been overlooked). Moreover, archival data may differ, depending on the differences in “record-keeping policies and practices” (Arthur et al., 2001, p. 9), which would be applicable both on an individual basis (individual differences in recording details from one case to another) and also as a police force (Alison et al., 2001). Further, an additional limitation of this data is, of course, that the data were provided by a single police force; thus, the offenders may be representative of that area only (Devon and Cornwall) and may not, therefore, reflect offenders in other areas. This is not unusual, however; for example, Cook, Ludwig and Braga (2005) faced similar restrictions. The location of the police force must also be considered; the present data were from a force based in a rural area and so the findings may differ from those using samples drawn from urban locations.

Another limitation of the current data is that the follow-up period within the data were limited from April 2001; consequently, the data were likely to represent only a snapshot of the offender’s criminal history. Therefore, any offences recorded before this have not been included and it cannot be guaranteed that the first offence recorded in the dataset was an offender’s first crime in their criminal history for perpetrators in both the SV and control samples. This has implications for the age of the offender at the first offence, as it cannot be guaranteed that this is the offender’s first offence committed. Similarly, it cannot be ascertained whether SV offenders had committed additional, or more serious, SV crimes other than those recorded in the dataset. This has a number of implications; firstly, those SV offenders who have committed the same SV offence previously, and could thus be argued to be serial offenders, may differ from those who have committed an SV crime once (see DeLisi & Scherer, 2006; Wright, Pratt, & DeLisi, 2008). Nevertheless, perpetrators in Ganpat et al.’s (2014) attempted and completed murder samples held previous convictions for attempted
and/or complete murders; the researchers noted that the purpose of the research was to
determine whether offenders had such prior offences. Ganpat et al. (2014) analysed the data containing those with SV previous offences and also
without, concluding that this did not have any great differences in their findings. Similarly, it
cannot be determined whether any offenders in the control sample had a SV crime in their
criminal history prior to 2001. For the control sample, this would be problematic based on the
criteria for their inclusion; yet, other research that has used matched-case controls cannot
certify that the control sample did not contain offenders with SV previous convictions that
were unknown to the police (e.g. Clarke et al., 2016; Soothill et al., 2002), and thus it is
evident that this is a limitation associated with the type of data used.

There are also issues in relating the findings with literature; for example, some research
considers the impact of additional factors, such as IPV (Thornton et al., 2012), with
descriptive information (such as age) being recorded at different stages and varying samples
being employed (e.g. prison vs. student population). Additionally, a weakness of the sample
is the small proportion of SV female offenders with previous convictions ($n=149$). However,
research has generally noted the shortage of research on SV offences committed by female
offenders, due to low murder arrest rates (Chan & Frei, 2013) and small proportions of SV
females (e.g. Rossegger et al. [2009] used a sample of only six female homicide
perpetrators). In comparison with previous research, this investigation has a relatively large
sample size for a criminal female population; other research has utilised sample sizes that
have varied from 16 to 55 to 202 female offenders (Rossegger et al., 2009; Bennett et al.,
2012; Chan & Frei, 2013, respectively).

It can be noted also that the current research selected SV offenders of attempted murder,
homicide and GBH, and is, therefore, restricted in its application to other SV offences (e.g.
Ganpat et al., 2014). What is more, the findings may be confounded by the differing types of
SV crime; research has reported differences in specific SV offences, such as interpersonal
violence, filicide and accidental homicide, in terms of the motivations, offender
characteristics and circumstances (e.g. Bourget & Bradford, 1990; Roberts, Zgoba, &
Shahidullah, 2007; Straus, 2007). Moreover, as pointed out by Vaughn, DeLisi, Beaver and
Howard (2008), there is a lack of standardisation in the definition of homicide used in
research, as many group different types of homicides together. Thus, such different offenders
are often categorised under one homogenous group.

However, the strengths of this research must also be noted. As the review of the existing
literature shows, there have been limitations when making comparisons because of
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Inconsistencies in methodological practice. Firstly, findings that are produced without the use of a control sample limit the extent to which they can be claimed to be characteristics of those in the sample (e.g. Craissati & Sindall, 2009). Clearly the use of a matched-case control sample is an advantage to the present research. Additionally, Ganpat and colleagues (2014) reported the investigation of lethal and non-lethal violent offenders as the first to compare a sample of specifically SV offenders, focussing on the criminal history. The current exploration, therefore, greatly adds to this sparse area of empirical research, particularly in terms of female perpetrators.

4.3 Conclusion

This research explored the age and offending history information of 206 SV offenders (n=149 with previous convictions), with a control sample of 447 perpetrators. The purpose of the research was to identify differences between females in the SV and control samples. As a result of using a suitable control sample, the findings assist in determining how SV offenders may differ from other offenders. Therefore, SV female offenders do demonstrate differences in the types of offences they commit, prior to committing an SV offence, when compared to non-SV offenders. This has potential implications for crime prevention strategies and the identification of those offenders who are at risk of future SV offending, as the findings add to the growing literature about the differences in female, particularly SV, perpetrators.
 References


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Chichester: Wiley.


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American Psychological Association.


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convicted for violent offenses: Adverse childhood, limited education and poor mental health.


13–18.


course explanations for stability and change in antisocial behaviour from adolescence to
young adulthood. *Criminology, 40*, 401-434.


between convicted violent offenders: Completed and attempted homicides and aggravated
assaults. In C. R. Block & R. L. Block (Eds.), *Public health and criminal justice approaches
to homicide research*. Proceedings of the 2003 meeting of the Homicide Research Working
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Table 1. *Crime Categorisation Schemes in the Current Research*

<table>
<thead>
<tr>
<th>Number of categories</th>
<th>Crime categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Other; Property; Sexual; Violent.</td>
</tr>
<tr>
<td>8</td>
<td>Burglary/robbery; Criminal damage; Drugs; Non-notifiable; Other crime; Sexual; Theft/handling; Violence/against the person.</td>
</tr>
<tr>
<td>15</td>
<td>Abduction; Burglary; Cause injury; Drugs; Fraud; Justice; Miscellaneous; Property damage; Public order; Robbery; Serious violent; Sexual; Theft; Traffic; Weapons.</td>
</tr>
<tr>
<td>24</td>
<td>Abduction; Arson; Assault occasioning actual bodily harm (ABH); Attempted murder; Criminal damage; Domestic burglary; Drug offences; Fraud and forgery; GBH; Harassment; Homicide; Miscellaneous; Non-domestic burglary; Non-notifiable; Other assault; Other theft; Other violence; Possession of weapon; Robbery; Sexual offences; Theft from vehicle; Theft of Vehicle; Threats to kill; Vehicle interference.</td>
</tr>
</tbody>
</table>
### Table 2. Types of Previous Convictions for Female Offenders.

<table>
<thead>
<tr>
<th>Offence types</th>
<th>N</th>
<th>% SV (n=206)</th>
<th>% SV: pre-cons (n=149)</th>
<th>N</th>
<th>% SV: Control (n=1406)</th>
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</thead>
<tbody>
<tr>
<td><strong>4 categories</strong></td>
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<td></td>
<td></td>
<td></td>
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<td>45.6</td>
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<td>1079</td>
<td>76.7</td>
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<tr>
<td>Property</td>
<td>65</td>
<td>31.6</td>
<td>43.6</td>
<td>735</td>
<td>52.3</td>
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<tr>
<td>Sexual</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>26</td>
<td>1.8</td>
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<tr>
<td>Violent</td>
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<td>54.9</td>
<td>75.8</td>
<td>904</td>
<td>64.3</td>
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<td>Burglary/Robbery</td>
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<td>17.8</td>
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<td>Criminal damage</td>
<td>40</td>
<td>19.4</td>
<td>26.8</td>
<td>547</td>
<td>38.9</td>
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<tr>
<td>Drug offence</td>
<td>27</td>
<td>13.1</td>
<td>18.1</td>
<td>408</td>
<td>29.0</td>
</tr>
<tr>
<td>Non-notifiable</td>
<td>57</td>
<td>27.7</td>
<td>38.3</td>
<td>550</td>
<td>39.1</td>
</tr>
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<td>18.1</td>
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<td>-</td>
<td>26</td>
<td>1.8</td>
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<tr>
<td>Theft/Handling</td>
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<td>28.6</td>
<td>39.6</td>
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<td>48.4</td>
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<td>896</td>
<td>63.7</td>
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<td>Abduction</td>
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<td>23.5</td>
<td>364</td>
<td>25.9</td>
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<td>6.7</td>
<td>223</td>
<td>15.9</td>
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<td>Cause injury</td>
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<td>65.8</td>
<td>726</td>
<td>51.6</td>
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<td>Drugs</td>
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<td>18.1</td>
<td>408</td>
<td>29.0</td>
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<td>6.0</td>
<td>123</td>
<td>8.7</td>
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<td>Justice</td>
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<td>-</td>
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<td>25.2</td>
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<td>493</td>
<td>35.1</td>
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<td>26.8</td>
<td>548</td>
<td>39.0</td>
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<td>11.4</td>
<td>87</td>
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<td>4.0</td>
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<td>3.8</td>
</tr>
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<td>Serious violent</td>
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<td>5.8</td>
<td>8.1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sexual</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>26</td>
<td>1.8</td>
</tr>
<tr>
<td>Theft</td>
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<td>683</td>
<td>48.6</td>
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<td></td>
<td></td>
<td></td>
</tr>
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<td>Traffic</td>
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<td>3.4</td>
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<td>7.7</td>
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<td></td>
<td></td>
</tr>
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<td>-</td>
<td>1</td>
<td>0.1</td>
</tr>
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<td>2.0</td>
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<td>2.7</td>
</tr>
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<td>53.0</td>
<td>551</td>
<td>39.2</td>
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<tr>
<td>Assault</td>
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<td>36.2</td>
<td>380</td>
<td>27.0</td>
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<td>0.7</td>
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<td>-</td>
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<tr>
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<td>26.2</td>
<td>533</td>
<td>37.9</td>
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<td>Domestic burglary</td>
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<td>2.9</td>
<td>4.0</td>
<td>124</td>
<td>8.8</td>
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<tr>
<td>Drug offences</td>
<td>27</td>
<td>13.1</td>
<td>18.1</td>
<td>408</td>
<td>29.0</td>
</tr>
<tr>
<td>Fraud and forgery</td>
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<td>4.4</td>
<td>6.0</td>
<td>123</td>
<td>8.7</td>
</tr>
<tr>
<td>GBH</td>
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<td>4.9</td>
<td>6.7</td>
<td>-</td>
<td>-</td>
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<td>20.1</td>
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<td>25.2</td>
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<td>0.7</td>
<td>-</td>
<td>-</td>
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<td>28</td>
<td>13.6</td>
<td>18.8</td>
<td>273</td>
<td>19.4</td>
</tr>
<tr>
<td>Non-domestic burglary</td>
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<td>1.9</td>
<td>2.7</td>
<td>148</td>
<td>10.5</td>
</tr>
<tr>
<td>Non-notifiable</td>
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<td>24.8</td>
<td>34.2</td>
<td>463</td>
<td>32.9</td>
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<td>Other theft</td>
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<td>28.6</td>
<td>39.6</td>
<td>611</td>
<td>43.5</td>
</tr>
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<td>Other violence</td>
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<td>2.7</td>
<td>22</td>
<td>1.6</td>
</tr>
<tr>
<td>Possession of weapon</td>
<td>5</td>
<td>2.4</td>
<td>3.4</td>
<td>108</td>
<td>7.7</td>
</tr>
<tr>
<td>Robbery</td>
<td>6</td>
<td>2.9</td>
<td>4.0</td>
<td>52</td>
<td>3.7</td>
</tr>
<tr>
<td>Sexual offences</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>26</td>
<td>1.8</td>
</tr>
<tr>
<td>Theft from vehicle</td>
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<td>0.7</td>
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<tr>
<td>Threats to kill</td>
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<td>1.9</td>
<td>2.7</td>
<td>21</td>
<td>1.5</td>
</tr>
<tr>
<td>Vehicle interference</td>
<td>1</td>
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<td>0.7</td>
<td>23</td>
<td>1.6</td>
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Table 3. Significant Comparisons between Female SV and Control Offenders for Four Offence Categories, Using Chi-square Analysis

<table>
<thead>
<tr>
<th>Previous offences</th>
<th>SV</th>
<th>Control</th>
<th>$\chi^2$</th>
<th>Odds Ratio (OR)</th>
<th>$p$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$(n = 149)$</td>
<td>$(n = 447)$</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Violence</td>
<td>75.8%</td>
<td>60.0%</td>
<td>12.226</td>
<td>2.096</td>
<td>.0001***</td>
</tr>
<tr>
<td>Property</td>
<td>43.6%</td>
<td>57.9%</td>
<td>9.234</td>
<td>0.562</td>
<td>.002**</td>
</tr>
</tbody>
</table>

***$p < .001$, **$p < .01$
DO FEMALE OFFENDERS DIFFER?

Table 4. Significant Comparisons between Female SV and Control Offenders for Eight Offence Categories, Using Chi-square Analysis

<table>
<thead>
<tr>
<th>Previous offences</th>
<th>SV (n = 149)</th>
<th>Control (n = 447)</th>
<th>χ²</th>
<th>Odds Ratio (OR)</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>Violence</td>
<td>74.5%</td>
<td>59.1%</td>
<td>11.413</td>
<td>2.025</td>
<td>.001**</td>
</tr>
<tr>
<td>Theft/handling</td>
<td>39.6%</td>
<td>54.4%</td>
<td>9.747</td>
<td>0.550</td>
<td>.002**</td>
</tr>
</tbody>
</table>

***p < .001, **p < .01, * p < .05
DO FEMALE OFFENDERS DIFFER?

Table 5. Significant Comparisons between Female SV and Control Offenders for 15 Offence Categories, Using Chi-square Analysis

<table>
<thead>
<tr>
<th>Previous offences</th>
<th>SV</th>
<th>Control</th>
<th>$\chi^2$</th>
<th>Odds Ratio (OR)</th>
<th>$p$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(n = 149)</td>
<td>(n = 447)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cause injury</td>
<td>65.8%</td>
<td>50.1%</td>
<td>11.034</td>
<td>1.913</td>
<td>.001**</td>
</tr>
<tr>
<td>Public order</td>
<td>11.4%</td>
<td>3.8%</td>
<td>12.019</td>
<td>3.258</td>
<td>.001**</td>
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<tr>
<td>Theft</td>
<td>41.6%</td>
<td>54.8%</td>
<td>7.795</td>
<td>0.588</td>
<td>.005**</td>
</tr>
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</table>

***$p < .001$, **$p < .01$, *$p < .05$
DO FEMALE OFFENDERS DIFFER?

Table 6. Significant Comparisons between Female SV and Control Offenders for 24 Offence Categories, Using Chi-square Analysis

<table>
<thead>
<tr>
<th>Previous offences</th>
<th>SV (n = 149)</th>
<th>Control (n = 447)</th>
<th>$\chi^2$</th>
<th>Odds Ratio (OR)</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABH</td>
<td>53.0%</td>
<td>38.3%</td>
<td>10.005</td>
<td>1.822</td>
<td>.002**</td>
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<tr>
<td>Other theft</td>
<td>39.6%</td>
<td>53.2%</td>
<td>8.324</td>
<td>0.576</td>
<td>.004**</td>
</tr>
<tr>
<td>Assault</td>
<td>36.2%</td>
<td>26.6%</td>
<td>5.020</td>
<td>1.567</td>
<td>.025*</td>
</tr>
</tbody>
</table>

***p < .001, **p < .01, *p < .05