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Intimate Partner Violence: Are the Risk Factors Similar for Men and Women, and Similar to Other Types of Offending?

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We studied intimate partner violence (IPV) within a framework of other violent and nonviolent offending, to explore whether the risk factors for offending were similar across the different offense categories, and also for men and women. A comprehensive measure of offending behavior was administered to 184 men and 171 women, together with measures of anger, self-control, and psychopathic traits. The measure, the nonviolent and violent offending behavior scale (NVOBS), assesses IPV, general violence, and nonviolent offending behavior. Men perpetrated higher levels of general violence and nonviolent offenses than women, whereas women perpetrated significantly more IPV than men. Regression analyses showed that the predictors of offending behavior are generally similar for men and women, with the exception of IPV, where self-control was a better predictor of IPV for men and anger was a better predictor of IPV for women. Limitations of the present sample and suggestions for future work are discussed. Aggr. Behav. 9999:1–9, 2015. © 2015 Wiley Periodicals, Inc.

INTRODUCTION

In the general theory of crime (Gottfredson & Hirschi, 1990), the tendency to commit any violent act, including intimate partner violence (IPV), is viewed as part of an overall propensity to commit criminal acts. Similarly, the general theory of violence (Felson, 2002) holds that IPV shares common features with other types of violent offending. Likewise, general theories of aggression (e.g., Anderson & Bushman, 2002; Berkowitz, 1993; Finkel, 2007), view IPV as operating according to a set of principles that apply to all forms of aggressive behavior.

An alternative view is that criminally inclined individuals specialize in specific types of criminal behavior. Consistent with this overall approach (although developed separately from it), IPV has been regarded as a crime that is largely carried out by men who are not necessarily criminal in other respects. It, therefore, warrants separate study and a different theoretical approach, one that emphasizes the impact of patriarchal values (e.g., Dobash, Dobash, Wilson, & Daly, 1992), or evolved responses to sexual jealousy (e.g., Daly & Wilson, 2000). According to such specific explanations for IPV, we would not necessarily expect the same men to be violent outside their relationships or to commit other unrelated offences. These specific explanations do not address women’s offending in any way.

Which of these views is correct will be informed by studies that investigate whether different broad categories of offending behavior are related to similar intrapersonal factors, and whether these are similar for men and women. There is some research showing an overlap between IPV and other forms of aggression (e.g., Archer & Webb, 2006; Langhinrichsen-Rohling, Huss, & Ramsey, 2000; Waltz, Babcock, Jacobson, & Gottman, 2000). The current research broadens the scope of such investigations by studying both violent and nonviolent offending in both sexes in relation to

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several intrapersonal variables that are likely to be associated with such offending. We selected variables that represent impelling and inhibiting factors in a general model of aggression, the I^3 theory (Finkel, 2007). Specifically, we studied anger-proneness (strong impelling), self-control (weak inhibiting), and psychopathic traits (both weak inhibiting and strong impelling). We used a previously developed comprehensive measure of different types of criminal behavior (Thornton, Graham-Kevan, & Archer, 2013), to assess commonalities and differences across offense types and the two sexes.

**Sex Differences in Offending Behavior**

Nonviolent offending includes drug-related behavior, theft, and criminal damage. Men have been found to consistently engage in more of these offenses than women (e.g., Moffitt, Caspi, Rutter, & Silva, 2001; Steffensmeier & Allan, 1996). Likewise, men consistently show greater frequency and severity of violent offending than women at all ages and in all settings (e.g., Archer, 2004), except for IPV where the sex difference is not found in representative samples in western nations (e.g., Archer, 2000, 2006, 2013; Moffitt et al., 2001).

As a result of the generally higher male rates, research on violent and nonviolent offending behavior has commonly focused on men. From the research into violent offending, it has been inferred that women are different from men in their capacity and motivation for violence, and some researchers use the sex difference in violence outside the home as evidence that women are generally not violent and are only violent in relationships when they need to be, for example, in self-defense (e.g., Dobash et al., 1992). Therefore, examination of general violence (where there is a sex difference) and IPV (where there is not in western samples) in men and women may reveal similarities and differences between them and/or between the sexes.

**Variables Used in the Current Study**

*Trait anger* is a reliable predictor of violent crime (Howells, 1998) and is a risk factor that strengthens a person’s violence-impelling forces (Finkel et al., 2012). Violent offenders have higher levels of anger-proneness than nonviolent offenders (e.g., Archer & Haigh, 1997; Cornell, Peterson, & Richards, 1999). Consistent with previous research, we expected to find that anger would be associated with violent offending (including IPV) but would be unrelated to nonviolent offending.

Typically, studies tend not to find sex differences in the experience or expression of anger in adults (Archer, 2004; Costa, Terracciano, & McCrae, 2001; Driscoll, Zinkivskay, Evans, & Campbell, 2006), although some have found a sex difference in the female direction (e.g., Brehm, 2003; Ramirez, Santisteban, Fujihara, & Van Goozen, 2002). However, men and women may differ in the ways that they express anger, with men being more likely to physically and verbally aggress against their target (e.g., Timmers, Fischer, & Manstead, 1998), and women being more likely to cry (e.g., Vingerhoets, Cornelius, Van Heck, & Becht, 2000) or talk to someone external to the situation (Simon & Nath, 2004).

Other research has found that women are less likely than men to directly aggress against the target of their anger (Campbell, 2006), which was attributed to their greater self-control than men. Such a sex difference in anger expression may explain the sex difference in the perpetration of physical aggression (Campbell & Muncer, 2008). The majority of research in the area of anger has focused on male perpetrators of violence; therefore, anger as a predictor of female violence needs further investigation, particularly in relation to anger among domestically violent women (Babcock, Canady, Graham, & Schartm 2007).

*Self-control* is an important variable in relation to both crime and aggression. Gottfredson and Hirschi (1990) argued that all crime, violent, or otherwise, whether perpetrated by men or women, stems from the same underlying cause, a combination of low self-control and criminal opportunities. This was supported by a meta-analysis (Pratt & Cullen, 2000), and subsequent empirical research (e.g., Blackwell & Piquero, 2005; Titie, Ward, & Grasmick, 2003). In Finkel’s I^3 framework, individuals with low self-control are viewed as having weak violence-inhibiting forces (Finkel et al., 2012). They are, therefore, less able to control or restrain their emotions or behavior, and are more likely to express their anger in the form of overt aggression than are those with high self-control. They will, therefore, tend to act impulsively in response to provocation (Alexander, Allen, Brooks, Cole, & Campbell, 2004; Driscoll et al., 2006).

Low self-control should also be associated with IPV and there is evidence that this is so (Archer, Fernández-Fuertes, & Thanzami, 2010; Bates, Archer, & Graham-Kevan, 2015). However, the relation between self-control and IPV has been queried (Moffitt, Kreuger, Caspi, & Fagan, 2000), on the grounds that IPV is wilful and intentional rather than impulsive (e.g., Corvo & Johnson, 2003, Appendix A). Felson and Massoglia (2012) found that for men IPV was less likely to be planned than were violent offenses involving strangers, whereas for women IPV was as likely to be planned as was violence toward strangers. This suggests that IPV may be more impulsive (and less planned) for men rather than women. Despite these complexities, it appears that, in general, individuals with low self-control are unlikely to specialize in any particular type of crime. Rather, they are likely to be versatile and commit any crime when there is the opportunity to do so.
Psychopathic traits have been linked with criminal behavior, including severe and violent crimes (Hare, 1994, 1999; Hemphill, 2007; Leistico, Salekin, DeCoster, & Rogers, 2008; Porter & Woodworth, 2006; Walters, 2003). Psychopaths tend to be criminally versatile (e.g., Hart & Hare, 1996), and, therefore, psychopathic traits may be useful for identifying similarities between different types of violent and nonviolent offenders.

Psychopathic traits have not been researched extensively in relation to IPV (Douglas, Vincent, & Edens, 2006, but see Bates et al., 2015), although there is some evidence of deficits in affect, including empathy, remorselessness, and poor emotional expression (Dutton, 2003, 2006; Holtzworth-Munroe & Stuart, 1994; Holtzworth-Munroe, Meehan, Herron, Rehman, & Stuart, 2000; Swogger, Walsh, & Kosson, 2007; Umberson, Anderson, Williams, & Chen, 2003), among IPV perpetrators. Psychopathy is likely to be relevant to the study of IPV and other offending, as it may influence both impelling and inhibiting forces, principally weakening violence-inhibiting forces, but may also serve to strengthen violence-impelling forces (Finkel, 2007). In the three-category typology of IPV proposed by Holtzworth-Munroe and Stuart (1994), generally violent/antisocial perpetrators were the most likely to show psychopathic traits. Consistent with this, Walsh et al. (2010) found that high levels of psychopathy occurred in generally violent/antisocial men and women. Therefore, psychopathic traits seem to be most related to offenders who offend generally, perpetrating violence in as well as outside their relationships, and also engaging in nonviolent offending behavior. Therefore, psychopathic traits may be important for linking IPV perpetrators with generally violent offenders. We, therefore, expected psychopathic traits to be associated with IPV, general violence and nonviolent offenses in the same sample.

Although the structure of psychopathy is still debatable (Cooke, Michie & Hart, 2006; Neumann & Hare, 2008), Hare (2003) suggested a minimum of two factors for adults. These are Factor 1, the interpersonal affective factor, characterized by traits such as manipulation, remorseless, callousness, and a lack of empathy; and Factor 2, the impulsive factor, characterized by traits such as poor behavioral control, risk taking, and irresponsibility. In the present study, we analyzed the subscales associated with these factors separately, as there is some evidence that they may have different associations with IPV and aggression outside the home for men and women (Bates et al., 2015).

The Present Study

The variables measured in this study were chosen using Finkel’s I³ framework, to investigate some of the likely impelling and inhibiting forces of offending behavior. Previous research has investigated each of these variables in relation to specific forms of offending but has not examined them together in a comparative context to inform the discussion on whether IPV is a different type of crime. Based on previous research it was predicted that (i) men will perpetrate more generally violent and nonviolent offenses than women, but women will perpetrate IPV at a similar frequency to men; (ii) there will be overlap between the three offense categories, demonstrated by significant correlations between IPV, general violence and nonviolent offending; there will also be overlap in the risk factors for offending across offense types and the sexes, such that (iii) anger will be associated with both IPV and general violence, but not with nonviolent offending; (iv) low self-control will be associated with all three types of offending; and (v) psychopathic traits will be associated with all three types of offending.

METHOD

Participants

Participants were a convenience sample recruited on a British university campus. There were 355 participants, 184 men and 171 women. Age ranged from 18 to 56 years with a mean of 21.75 (women = 21.82, men = 21.68). The response rate was 75.1%. Of the 413 returned questionnaires, 58 were removed either due to missing data, or respondents not having had a partner in the past 12 months, or not being in a heterosexual relationship; therefore, 355 were retained for analysis. Individuals in homosexual relationships were not included in the present study because the number of responses was very low.

Measures

Nonviolent and violent offending behavior scale (NVOBS: Thornton et al., 2013). The NVOBS is a psychometrically sound measure of violent and nonviolent offending validated for use in a male and female student population (Thornton et al., 2013). The NVOBS is a 33-item scale, which measures IPV perpetration (eight items: e.g., kicked partner, hit partner with fist, slapped partner), general violence perpetration (12 items: e.g., kicked someone, hit someone with a fist, pushed grabbed, or shoved someone), and perpetration of nonviolent offenses (13 items: e.g., used cannabis, damaged something in a public place, stole £5–50). Participants were asked to report the extent to which they had perpetrated each act during the past 12 months. This time period is commonly used in both studies of IPV (e.g., in the CTS: Straus, 1979) and in general aggression research (e.g., Richardson & Green, 1999, 2003). Items
were answered on a 7-point scale from 0 (never happened) to 6 (happened more than 25 times). Scores were summed for each NVOBS subscale. For IPV, scores could range from 0 to a possible 48; however, the observed range (after dealing with outliers as stated in the results section) was 0–4 for men, and 0–12 for women. For general violence, scores could range from 0 to a possible 72; however, the observed range was 0–27 for men, and 0–16 for women. For nonviolent offending, scores could range from 0 to a possible 78; however, the observed range was 0–16 for men, and 0–6 for women. Cronbach’s alpha was \( \alpha = .79 \) for IPV, \( \alpha = .89 \) for general violence, and \( \alpha = .71 \) for nonviolent offending.

**Anger subscale of Buss–Perry aggression questionnaire (BPAQ: Buss & Perry, 1992).** We used the anger subscale of the BPAQ, which consisted of seven questions, for example, “I flare up quickly but get over it quickly.” Items were scored on a scale of 1–5 where 1 = “extremely uncharacteristic of me” and 5 = “extremely characteristic of me.” Question 4 was reverse-scored. Scores could range from 7 to 35. Reliability was \( \alpha = .83 \).

**Brief self-control scale (BSCS: Tangney, Baumeister, & Boone, 2004).** The brief 13-item scale of the SCS was used, and included items such as “Sometimes I can’t stop myself from doing something, even if I know it is wrong.”; “I often act without thinking through all the alternatives.” Participants were asked to read each statement and then report the extent to which it reflected how they typically behave, on a scale of 1–5 where 1 = not at all and 5 = very much. Items 2, 3, 4, 5, 10, 14, 15, 17, and 18 were reverse scored. Scores could range from 13 to 65. Tangney et al. (2004) found that the BSCS correlated with anger, personality pathology, and physical aggression. Reliability was \( \alpha = .80 \).

**Youth psychopathic trait inventory (YPI: Andershed, Kerr, Stattin, & Levander, 2002).** The YPI is a 50-item questionnaire, designed for use in a non-referred or general population sample aged 12 and above, and was used to measure two factors of psychopathy. Factor 1 assesses interpersonal affective deficits, and Factor 2 assesses an impulsive and irresponsible lifestyle. Examples of Factor 1 items include “To get people to do what I want, I often find it efficient to con them”; “To feel guilty and remorseful about things you have done that have hurt other people is a sign of weakness”; “I don’t let my feelings affect me as much as other people’s feelings seem to affect them.” Examples of Factor 2 items include “I like to do things just for the thrill of it”; “It often happens that I do things without thinking ahead.” Questions were scored on a scale of 1–4 where 1 = “does not apply at all” and 4 = “applies very well.” Recent research has used the YPI in a university student sample (Peace & Sinclair, 2012), showing that it is suitable for the present sample. Scores could range from 35 to 140 for Factor 1 psychopathic traits, and 15–60 for Factor 2 psychopathic traits. Reliability was \( \alpha = .93 \) for Factor 1, and \( \alpha = .83 \) for Factor 2.

**Procedure.** The questionnaire pack was distributed to university students on campus at a British university, along with return envelopes. Participants were recruited from open access computer rooms, the university library and from large lectures. They were from a variety of courses, including psychology. Students did not receive course credit or compensation for taking part in the research. They were told that the data would be anonymous and that they could withdraw at any time before handing in the questionnaire, but once they had returned it, this would not be possible. Participants were told about the purpose of the research on the front cover sheet of the questionnaire and were given the opportunity to ask any questions during debriefing following the completion of the questionnaire. The study conformed to BPS ethical guidelines and was given ethical approval from the departmental ethics committee.

**RESULTS**

Prior to analysis, the data were screened for accuracy, missing data, outliers, and normality (Tabachnick & Fidell, 2007). Outliers were reduced so that extreme scores were one unit more than the next most extreme score.

**Sex Differences**

A one-way between subjects multivariate analyses of variance was used to test for sex differences in each offense category. There was a significant difference between men and women on the combined dependent variables \( F (3, 350) = 45.75, P < .001, \) Wilks’ Lambda = .72, partial eta squared = .28. Considering the dependent variables separately, we found support for prediction (1). Women reported perpetrating significantly more IPV than men, men were more violent than women outside relationships, and men perpetrated significantly more nonviolent offenses than women. All these effects were medium-sized according to criteria of Cohen (1988). Table I shows the means and standard deviations for each offense category, and \( F \) and \( \eta \) values for the sex differences.

A one-way between subjects multivariate analyses of variance was used to test for sex differences in each risk factor. There was a significant difference between men and women on the combined dependent variables \( F (4, 310) = 18.48, P < .001, \) Wilks’ Lambda = .81, partial eta squared = .19. Considering the dependent variables
separately, men and women did not differ on levels of anger or self-control. Men scored higher than women on Factor 1 and Factor 2 psychopathic traits, with medium to large effect sizes (Cohen, 1988). Table I shows the means and standard deviations for each risk factor, and \( F \) and \( d \) values for the sex differences.

### Correlational Analyses

Table II shows the Pearson correlations between the offense categories and each risk factor variable, separately for the two sexes. There was no evidence of multicolinearity as there were no correlations above .7. There were some common associations across the three categories of offending. IPV, general violence, and nonviolent offending were significantly related in both sexes, demonstrating a degree of overlap between the different offense types, and providing support for prediction (2).

Sex differences in risk factors within each offense category were assessed by converting each correlation coefficient into a z-score using Fisher’s r-to-z transformation, and then comparing these z-scores, using the formula from Cohen and Cohen (1983, p. 54). There were no significant sex differences, all values being less than 1.96.

### Regression Analysis

It is evident from Table I that the data are overdispersed (standard deviations are higher than the corresponding means). The preferred method of analysis for such data sets is negative binomial regression (Hilbe, 2007). This has been used in recent studies of IPV (e.g., Archer et al., 2010; Finkel, DeWall, Slotter, Oaten, & Foshee, 2009; Thornton et al., 2013), and was used in the current study to assess the predictors of IPV, general violence, and nonviolent offending. Table III displays the results. The predictor variables were sex, anger, self-control, Factor 1 psychopathic traits, and Factor 2 psychopathic traits. Sex was also used in interaction with the other four psychological predictors.

### Table I. Means and Standard Deviations for Offense Categories and Risk Factor Variables, for Men and Women (\( N = 184 \) Men, 171 Women), and \( F \) and \( d \) Values for Sex Differences

<table>
<thead>
<tr>
<th>Variables</th>
<th>Men</th>
<th>Women</th>
<th>( F ) (df)</th>
<th>( d )</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPV – perpetration</td>
<td>0.65 (1.14)</td>
<td>2.63 (3.56)</td>
<td>51.29 (1, 352)”</td>
<td>–0.75</td>
</tr>
<tr>
<td>General violence</td>
<td>7.60 (8.20)</td>
<td>3.77 (5.08)</td>
<td>27.45 (1, 352)”</td>
<td>0.56</td>
</tr>
<tr>
<td>Nonviolent offending</td>
<td>3.71 (4.80)</td>
<td>1.42 (2.11)</td>
<td>32.78 (1, 352)”</td>
<td>0.62</td>
</tr>
<tr>
<td>Anger</td>
<td>16.71 (5.52)</td>
<td>17.68 (6.00)</td>
<td>2.21 (1, 313)</td>
<td>–0.17</td>
</tr>
<tr>
<td>Self-control</td>
<td>37.81 (8.22)</td>
<td>39.19 (7.04)</td>
<td>2.54 (1, 313)</td>
<td>–0.18</td>
</tr>
<tr>
<td>Factor 1 psychopathy</td>
<td>71.61 (16.51)</td>
<td>59.38 (13.82)</td>
<td>50.79 (1, 313)”</td>
<td>0.80</td>
</tr>
<tr>
<td>Factor 2 psychopathy</td>
<td>33.01 (6.63)</td>
<td>30.54 (6.30)</td>
<td>11.44 (1, 313)”</td>
<td>0.38</td>
</tr>
</tbody>
</table>

**”P < .01. *Minus sign signifies higher values for women than men.

### Table II. Pearson Correlations Between IPV, General Violence (GV), Nonviolent Offending (NV), Anger, Self-Control, and Psychopathic Traits, for Men’s and Women’s Self-Reports (\( N = 184 \) Men, 171 Women)

<table>
<thead>
<tr>
<th></th>
<th>Men</th>
<th></th>
<th></th>
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<th>Women</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>GV</td>
<td>IPV</td>
<td>NV</td>
<td></td>
<td>GV</td>
<td>IPV</td>
<td>NV</td>
</tr>
<tr>
<td>GV</td>
<td>–</td>
<td>.25***</td>
<td>.19**</td>
<td></td>
<td>–</td>
<td>.41***</td>
<td>.31***</td>
</tr>
<tr>
<td>IPV</td>
<td>–</td>
<td>–</td>
<td>.24***</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>.22**</td>
</tr>
<tr>
<td>Anger</td>
<td>.34***</td>
<td>.10</td>
<td>.03</td>
<td>–</td>
<td>.40***</td>
<td>.20**</td>
<td>.12</td>
</tr>
<tr>
<td>Self-control</td>
<td>–.11</td>
<td>–.20**</td>
<td>–.36**</td>
<td>–.22**</td>
<td>–.12</td>
<td>–.21**</td>
<td></td>
</tr>
<tr>
<td>Factor 1 psychopathy</td>
<td>.27***</td>
<td>.35***</td>
<td>.20**</td>
<td>.38***</td>
<td>.27***</td>
<td>.32***</td>
<td></td>
</tr>
<tr>
<td>Factor 2 psychopathy</td>
<td>.15*</td>
<td>.26***</td>
<td>.38**</td>
<td>.33***</td>
<td>.27***</td>
<td>.31**</td>
<td></td>
</tr>
</tbody>
</table>

Note. For men \( n \)’s ranged from 173 to 184. For women \( n \)’s ranged from 163 to 171.

**”P < .01. ***P < .001.
higher trait anger were more likely to aggress against their partner than men with higher trait anger were.

**General violence.** The goodness of fit statistic was again satisfactory (Value/df = 1.22). Anger and Factor 1 psychopathy were significant positive predictors of general violence. Thus, men and women scoring higher on these traits are more likely to be physically aggressive toward someone other than their partner. There were no significant interactions between sex and the other psychological predictors, indicating that the associations were similar for men and women.

**Nonviolent offending.** The goodness of fit statistic was again satisfactory (Value/df = 1.38). Factor 1 psychopathic traits was the only significant (positive) predictor of nonviolent offending. Again, there were no interactions between sex and the other psychological predictors.

In summary, from the results we found support for prediction (3) as anger was associated with both IPV and general violence, and not with nonviolent offending. We did not find support for prediction (4), as low self-control was only associated with IPV, and not with general violence or nonviolent offending. We also did not find support for prediction (5) as psychopathic traits were only associated with general violence and nonviolent offending, and not with IPV.

### DISCUSSION

The sex differences in the three scales on the NVOBS were consistent with previous research. Men were more violent than women outside of the home (e.g., Archer, 2004, 2009; Moffitt et al., 2001), and they reported committing more nonviolent offenses than women (e.g., Moffitt et al., 2001; Steffensmeier & Allan, 1996). Thus, on these measures, men are generally more antisocial than women. In contrast, women reported perpetrating more IPV than men did. This is again consistent with some of the previous research showing that women may report more physical aggression than men within intimate relationships in some samples and contexts, although a more typical finding is no difference (e.g., Archer, 2000; Bates et al., 2014; Moffitt et al., 2001; Thornton, Graham-Kevan, & Archer, 2010). Archer (2006) found that this sex difference in IPV varied cross-nationally with the degree of gender equality, so that this pattern is only characteristic of developed western nations, such as the UK, USA, and Canada, where gender equality and individualism are both high. We should also note that sex differences are slightly more in the female direction for perpetrators’ than for victims’ reports (Archer, 2000), owing to slightly more divergence between perpetrators’ and victims’ reports for men than for women (Archer, 1999).

The results indicate moderate correlations between the three offense types for men and women, which suggests that men and women tend to be generalist offenders. This finding supports previous research, which has found that offenders tend to be versatile and perpetrate a variety of criminal acts (e.g., Farrington et al., 2006; Gottfredson & Hirschi, 2007). The findings also support previous research showing that men and women who are violent within their relationships also tend to be violent toward others outside of their relationship (e.g., Moffitt et al., 2000; Thornton et al., 2010).

Overall, the associations between the risk factor variables used in this study were similar for the three categories of offense and for the two sexes. Anger was significantly associated with general violence, and this did not differ for men and women, suggesting that both sexes share anger as a common risk factor for general violent offending. This finding is consistent with the general association between anger and aggression (e.g., Berkowitz, 1989, 2008). Previous studies have found a link between anger and low agreeableness (e.g., Caprara,
Barbaranelli, & Zimbardo, 1996; Thornton et al., 2010), and both of these have been associated with aggression in response to provocation (Bettencourt & Miller, 1996). Therefore, if women are provoked they may be just as likely as men to express their anger as aggression. The current research did not assess the conditions under which aggression was perpetrated (e.g., provocation or neutral conditions), but this would be useful to consider in future research.

Previous research has found an association between anger-proneness and the perpetration of violent offenses (Howells, 1998), and that it reliably distinguishes between violent and nonviolent offenders (Cornell et al., 1999). Consistent with this, we also found that anger was associated with violent but not nonviolent crime. In contrast to the similar predictors for men and women for general violence and nonviolent offending, there were some sex differences in the predictors of IPV. Low self-control better predicted men’s than women’s IPV, whereas anger better predicted women’s than men’s IPV. The latter finding is inconsistent with the self-defensive theory of women’s IPV (e.g., Dobash et al., 1992), since this would predict that fear rather than anger should be associated with women’s perpetration of IPV. The link between low self-control and men’s IPV suggests that men’s violence may be more impulsive, and less planned, than women’s. This finding is consistent with that of Felson and Massoglia (2012) that men’s violence toward their female partners is less likely to be planned. Using Finkel’s (2007) framework, it appears that weak violence-inhibiting forces may be a better predictor of men’s IPV, and strong violence-impelling forces a better predictor of women’s IPV.

Although there were some significant Pearson correlations between psychopathic traits and all three offense types for both sexes, these were generally not significant predictors in the regression, that is, they acted via other variables. In the regression analyses, it was only Factor 1 psychopathic traits that were significantly associated, and only with general violence and nonviolent offending. Individuals with these traits take advantage of and violate the rights of others and have an inflated sense of entitlement and self-importance.

The limitations of this research concern the sample used and the cross-sectional design. The sample was derived from a University student population, and may, therefore, not be representative of the UK population, as those from a university sample are generally at a lower risk of offending, or their crimes are likely to be relatively minor. However, a number of studies indicate that undergraduate students do self-report acts of IPV and other forms of aggression that would be classed as criminal offenses (e.g., Archer, 2002; Bates, Graham-Kevan, & Archer, 2014; Barratt, Stanford, Dowdy, Liebman, & Kent, 1999; Cross & Campbell, 2012; Fiebert & Gonzalez, 1997; Smith & Waterman, 2006; Straus & Ramirez, 2004; Straus, 2008; Thornton et al., 2010, 2013). Therefore, using a student population does enable us to examine the overlap between self-reported offending in a sample unselected for criminal behavior. Therefore, student samples may show similar patterns of offending to non-student samples, but at lower rates. Nevertheless, the findings from this study deserve replication in the wider community and in at-risk samples. A second limitation is that the study used a cross-sectional design, investigating the relationships between offending and associated risk factors at a specific point in time. Future research would benefit from a longitudinal design.

Overall, the results suggest that offending behavior is related to similar intra-personal factors for men and women, with the exception of IPV. Anger predicted women’s general violence and IPV, which supports Felson’s (2002) theory that violence has similar causal influences irrespective of whether the target is an intimate partner or someone else. However, there were also different predictors of men’s and women’s IPV perpetration; low self-control better predicted men’s IPV, whereas anger better predicted women’s IPV. This provides some support for the view that men’s IPV has different causes from women’s, and possibly the function of the violence is different for the two sexes.

REFERENCES


Aggr. Behav.


