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The effect of male incarceration on rape myth acceptance: Application of propensity score matching technique

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Paper accepted for publication in Deviant Behavior

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Abstract

The aim is to assess the effect of imprisonment on rape myth acceptance. The research used a sample of male prisoners incarcerated for non-sexual crimes ($n = 98$) and a sample of males drawn from the general population ($n = 160$). Simple linear regression did not indicate a significant effect of incarceration on rape myth acceptance. After controlling for background covariates using propensity score matching, analysis revealed a positive significant effect of incarceration on rape myth acceptance. Although further research is required, results indicate that being subject to incarceration has a significant positive effect on stereotypical thinking about rape.

**Keywords:** male incarceration, rape myth acceptance, propensity score matching, non-sexual offenders
The effect of male incarceration on rape myth acceptance: Application of propensity score matching technique

Rape myths are stereotypical or false beliefs about the culpability of victims, the innocence of rapists, and the illegitimacy of rape as a serious crime. Rape myths act as “psychological neutralizers” which allow men to turn off social prohibitions against using force in sexual interactions (Bohner et al., 1998; Burt, 1980). Despite the fact that Ward, Polaschek, and Beech (2006) considered rape myth acceptance (RMA) to be the most prominent, best researched, and theoretically most developed individual factor in the aetiology of sexual offending, little is known about the demographic, sociocultural, and behavioural determinants of RMA.

Recent research indicated that the core affective traits of psychopathy (Callous Affect) and childhood exposure to violence have a significant positive effect on attitudes towards rape and rape victims (Debowska, Boduszek, Dhingra, Kola, & Meller-Prunska, in press). Attitudes toward rape have also been found to vary by gender, with men more likely to support rape myths, using a variety of research methodologies and populations (Burt, 1980; Ewoldt, Monson, & Langhinrichsen-Rohling, 2000; Koss, 1988; Lundberg-Love & Geffner, 1989; Muehlenhard & Linton, 1987; Rapaport & Burkhart, 1984; Simonson & Subich, 1999). This greater willingness to accept rape myths and to engage in sexually coercive and aggressive behaviour among males has been suggested to be the result of learning, rather than predispositions (Boeringer, Shehan, & Akers, 1991; Ellis, 1989; Herman, 1984). Male groups, for instance, have been argued to promote sexist attitudes and behaviours through providing a set of norms condoning violence in sexual relationships – a belief system referred to as rape culture (Boswell & Spade, 1996).

All-male circles, such as fraternal organisations and sports teams, have been posited to create an environment in which beliefs supporting violence against women are fostered
and negative attitudes pertaining to sexual coercion are neutralised (Boeringer, 1999).

Previous research findings also indicate that being exposed to male-dominated environments may result in greater RMA (Boeringer, 1996; Koss & Gaines, 1993). Koss and Dinero (1988), for example, reported that sexually aggressive men had more associations with groups supporting dominating views of women; while, in another study, Bleecker and Murnen (2005) reported that fraternity men were more likely to endorse rape supportive attitudes than non-fraternity college men. Other research has also revealed that fraternity men hold more traditional gender role beliefs (Schaeffer & Nelson, 1993) and stronger male dominance attitudes (Kalof & Cargill, 1991) than non-fraternity men. Although research on RMA among college athletes is scarce, preliminary findings suggest that male athletes, especially those involved in team-based (football or basketball) versus individual sports, express increased levels of RMA, which suggests a significant effect of the environment on RMA (Sawyer, Thompson, & Chicorelli, 2002). Aggressive team sports in particular have been noted to cultivate sexism, promote hostility towards women, and influence attitudes towards rape and rape victims (Forbes, Adams-Curtis, Pakalka, & White, 2006).

Several mechanisms have been proposed to explain the increased prevalence of violence-supportive attitudes and violent behaviour among men in such contexts. One is group socialisation: in joining particular sports teams or fraternities, individuals are actively inducted into the existing norms and values of these contexts. Another is identification. Membership of a certain group may not in itself be sufficient to increase an individual’s violence-supportive beliefs or likelihood of violent or coercive behaviour. Instead, individuals may have to identify with a particular group and see it as their reference group (Humphrey & Kahn, 2000). Another mechanism is self-selection: men with certain psychological traits and/or pre-existing violence-supportive attitudes and behaviours gravitate towards male-dominated circles. Therefore, it could be that those traits, rather than
environmental exposure, influence the proclivity to accept rape myths (White, Donat, & Bondurant, 2001).

If being exposed to male groups is one of the developmental pathways leading to increased RMA and sexual coercion, it is important to further examine such settings. Due to the paucity of research on how stereotypical thinking about rape and women is shaped in male groups, studies utilising more robust statistical analyses and with more diverse samples are still needed. Although evidence suggests that negative attitudes towards women may be fostered in male-dominated settings, there are no data examining RMA among prisoners.¹ It may be that fraternal organisations, in which membership is voluntary, create a unique environment in which RMA arises due to peer-group forming rules and hence a similar genesis of RMA among prison populations would be unlikely. In order to verify this, however, studies with inmates are warranted.

Male prisons are a form of male-dominated environment in which masculinity, dominance, and aggression may be decisive factors influencing survival (Hua-Fu, 2005; Walters & Crawford, 2013; Wooldredge & Steiner, 2012). Prison settings have also been argued to reinforce toxic masculinity, defined as the constellation of stereotypical male traits, which fosters violence, devaluation of women, and misogyny (Kupers, 2010). Previous studies found misogynistic beliefs to be positively correlated with rape (Shotland, 1985) and rape-supportive attitudes (Koo, Stephens, Lindgren, & George, 2012). Consequently, prisoners may subscribe to negative attitudes pertaining to rape and rape victims. This suggestion is also consistent with Malamuth’s (1998) confluence model according to which hostile masculinity, which pertains to behaviours such as risk-taking, defending one’s honour, and competiveness, increases sexual aggression. Men who score high on hostile masculinity

¹ An important exception is seen in recent research of RMA among incarcerated women. Heath, Lynch, Fritch, and Wong (2013) examined 74 female prisoners who were also survivors of rape. They found low prevalence of RMA among the women; however, women who endorsed higher levels of RMA were less likely to report their sexual victimization to the police.
have been found to distrust and dominate women (Malamuth, Linz, Heavey, Barnes & Acker, 1995). Moreover, hypermasculinity has been noted as one of the main factors leading to high prevalence rates of sexual abuse in the U.S. military (Turchik & Wilson, 2010). Locke and Mahalik (2005) reported that college men conforming to masculine norms had higher levels of RMA and were more sexually aggressive. Additionally, general intergroup dominance has been reported to be a significant predictor of RMA (Hockett, Saucier, Hoffman, Smith, & Craig, 2009). On the other hand, however, sexual offenders tend to be victimised by other inmates, which may indicate that rape-supportive attitudes will not be fostered in prison settings.

Studies with prison populations are needed in order to verify whether the above research findings with college athletes and fraternity members can be extended to other male-dominated milieus. Research has consistently found a relationship between RMA and both self-reported sexual aggression and self-reported rape proclivity (e.g., Bohner, Pina, Viki, & Siebler, 2010; Lonsway & Fitzgerald, 1994; Muehlenhard & Falcon, 1990). Additionally, a strong endorsement for rape-supportive attitudes was reported for sexual and violent offenders (Feelgood, Cortoni, & Thompson, 2005). More rape distortions were found among sexual offenders, in comparison with non-sexual offenders (Bumby, 1996). Therefore, it may be that cognitive distortions pertaining to rape serve to mitigate the responsibility for one’s actions and hence precede sexually-coercive behaviour (Bohner et al., 1998; Burt, 1980; Ward & Siegert, 2002). Given the possibility of increased levels of RMA among sexual offenders before imprisonment, studies examining the possible effect of incarceration on RMA should be conducted with prisoners sentenced for crimes of non-sexual nature.

Very few studies with rigorous methodological designs have examined the role of environmental factors on stereotypical perceptions of rape. Preliminary research findings indicate a significant role of exposure to male-dominated groups on RMA (e.g. Bleecker &
Murnen, 2005; Boeringer, 1996; Forbes et al., 2006; Koss & Gaines, 1993; Sawyer et al., 2002). However, no known studies to date have examined whether the above findings can be extended to male prison population. We acknowledge that drawing on literature linking RMA with fraternity and sports team membership in prison context may appear problematic due to the cultural gap between those environments. However, it has been noted that the prison culture reflects the culture of the community within which it is set and, by providing its distorted mirror image, exaggerates some of its characteristics (Clemmer, 1966; Goetting, 1985; Michalowski, 1985). Thus, forming rules in prison groups are not created in a cultural vacuum and, even though they are more extreme than the ones found among community groups, they are not distinct. Indeed, according to Kupers (2010, p. 113), “the prison code that reigns in men’s prisons is an exaggeration of the unspoken “male code” on the outside”. In light of this argument, our references to phenomena reported among general population samples seem justified and our attempt at examining similar processes within prison context is well-founded. Therefore, the main purpose of this research was to examine the effect of imprisonment on RMA. Based on previous studies, a significant effect of incarceration on stereotypical thinking about rape was expected.

Methods

Participants

Two samples of participants were used for the present study. Sample one consisted of 98 male prisoners recruited from the Stargard Szczecinski Prison in Poland. Prisoners ranged in age from 17 to 59 years (M = 27.38, SD = 9.21). Approximately half of the sample (45.7%) reported committing a robbery, 28.7% reported committing assault/battery, 9.3% reported committing a murder, 6.2% reported committing financial crimes, and 43.5% reported
committing other non-violent offences. Most participants (75.5%) reported having been brought up by both parents, 24.5% were brought up by single parents, relatives, or foster parents. Duration of imprisonment ranged from 1 to 17 years ($M = 2.46$, $SD = 2.33$).

Sample two consisted of 160 working male adults undertaking part-time evening courses at the University of Security in Poznan (Poland). Participants ranged in age from 19 to 49 years ($M = 25.83$, $SD = 6.14$). Most participants (90.6%) reported having been brought up by both parents, whereas 9.4% were brought up by single parents, relatives, or foster parents.

**Measures**

*Updated Illinois Rape Myth Acceptance Scale* (*IRMA;* McMahon & Farmer, 2011) is a 19-item measured designed to assess general rape myth acceptance rated on a 5-point Likert scale. In the present sample, Cronbach’s alpha for the scale was $\alpha = .87$.

*Self-Report Psychopathy Scale (SRP-III;* Paulhus, Neumann, & Hare, in press) is a 64-item measure generated on the basis of the Psychopathy Checklist-Revised (PCL-R; Hare, 1991). It consists of four subscales: Interpersonal Manipulation ($\alpha = .81$), Callous Affect ($\alpha = .65$), Erratic Lifestyle ($\alpha = .71$), and Antisocial Behaviour ($\alpha = .85$). Items are scored on a 5-point Likert scale.

*The Recent Exposure to Violence Scale* (*REVS;* Flannery, Singer, van Dulmen, Kretschmar, & Belliston, 2007) is a 22-item scale measuring experiences of violent and threatening events using a 4-point Likert scale. Given that the scale was administered to adult participants the focus was on their exposure to violence in childhood. Cronbach’s alpha for the scale was $\alpha = .89$. 
The Relationships Structure Questionnaire (ECR-RS; Fraley, Heffernan, Vicary & Brumbaugh, 2011) is a 36 item measure of adult attachment with mother, father, romantic partner, and best friend. For the purpose of the current study only the relationship with mother and father subscales were utilised. Internal consistency for subscales was good (α = .82 for mother avoidance; α = .88 for mother anxiety; α = .89 for father avoidance; α = .91 for father anxiety).

Criminal Friend Index (CFI; Mills & Kroner, 1999). Participants from general population were asked to recall three adult friends with whom they spend most of their time and answer the following questions about them: (1) Has this person ever committed a crime?; (2) Does this person have a criminal record?; (3) Has this person ever been to prison; (4) Has this person tried to involve you in a crime?. In terms of prison sample, the CFI was used to collect retrospective data. Inmates were asked to recall friends with whom they spend most their time before first incarceration. 

Loneliness and Social Dissatisfaction Questionnaire (LSDA; Cassidy & Asher, 1992) is 15 items scale about children’s feelings of loneliness and dissatisfaction with peer relations. Cronbach’s alpha was α = .88.

Statistical analysis
This study used a quasi-experimental design with propensity score matching in order to minimise the effect of selection bias (Rosenbaum & Rubin, 1985; Rudner & Peyton, 2006). This research design allows dealing with treatment groups, however, unlike in an experimental design, data are collected outside the laboratory using an opportunistic sample. Quasi-experiments, therefore, have the power to assess plausible causation, but at the same time retain the experimental realism (Shadish, Cook & Campbell, 2002). Observational studies are often utilised in psychological and criminological research. However, in such
studies, researchers have no control over the assignment to treatment condition. Accordingly, differences in background variables between participants may have a significant influence on treatment effects, which in turn may result in misleading findings (D’Agostino, 1998). Matching procedures can be used to identify for each participant in the treatment group one person in the control group who would be similar on a chosen number of covariates (Apel & Sweeten, 2010). The propensity score matching (PSM) technique attempts to assess the effect of treatment by accounting for covariates and hence correcting selection bias in making estimates (Rubin, 2006).

In the present study, it was assumed that the ‘treatment group’ (prisoners) would differ from the ‘control group’ (general population) on a number of covariates, and that these variables may also affect the outcome variable (RMA). These potential confounding variables (covariates) were used to estimate a propensity score (ranging from 0 to 1) that represents each participant’s likelihood of being assigned to the treatment group. The propensity score is then used to generate a matched sample of treatment and control respondents. Thus, the propensity score is a balancing score of covariates, meaning the distribution of variables are the equivalent for the participants from treatment and control groups.

In order to retain the bias-reducing power of the PSM procedure, the choice of appropriate covariates must be guided by the theory (Astbury, 2012). This approach to covariate selection has been used in previous empirical studies (e.g., DeLisi, Barnes, Beaver, & Gibson, 2009). Past research revealed RMA and sexual coercion to form significant associations with psychopathy, childhood exposure to violence, insecure attachments, loneliness, intimacy deficits, and age (with older participants being more likely to endorse rape myths) (e.g., Bumby & Hansen, 1997; Debowska et al., in press; Kassing, Beesley, & Frey, 2005; Mouilso & Calhoun, 2013; Smallbone & Dadds, 2000; Smallbone & Dadds, 2001). Based on those previous findings, 13 covariates were included in the current model.
The covariates were age, upbringing, exposure to violence, criminal friend index, loneliness and social dissatisfaction, mother avoidance, mother anxiety, father avoidance, father anxiety, interpersonal manipulation, callous affect, erratic lifestyle, and antisocial behaviour. From the logistic regression analysis, the predicted likelihood (propensity score) is estimated for each participant.

After calculating the propensity scores for each participant, a matching procedure was employed to match participants from both samples. The propensity score matching procedure utilised in this study was greedy matching (nearest neighbour matching without replacement; Guo & Fraser, 2010). The “MatchIt” package in R version 3.0.1 was used to perform ‘greedy matching’. Here is the procedure applied to conduct nearest neighbour matching. $P_i$ and $P_j$ are the propensity scores for treated and control participants, respectively, $I_1$ is the set of treated participants, and $I_0$ is the set of control participants. A neighbourhood $C(P_i)$ contains a control participant $j$ (i.e., $j \in I_0$) as a match for a treated participant $i$ (i.e., $i \in I_1$), if the absolute difference of propensity scores is the smallest among all possible pairs of propensity scores between $i$ and $j$, as:

$$C(P_i) = \min_j |P_i - P_j|, \quad j \in I_0$$

Once a $j$ is found to match $i$, $j$ is removed from $I_0$ without replacement. If for each $i$ there is only a single $j$ found to fall into $C(P_i)$, then the matching is nearest neighbour pair matching (Guo & Fraser, 2010).

With this new matched sample linear regression was performed to investigate the effect of incarceration on RMA.
Results

Pre-matching analyses

Descriptive statistics for the original two samples are presented in Table 1. The effect of incarceration on RMA was investigated using linear regression. The analysis revealed no significant effect ($F[1, 257] = 1.37; B = 1.81, SE = 1.55; \beta = .07, p > .05$). It was suggested that significant differences between the two groups of participants on background variables could affect the outcome of the study. Therefore, the difference on all covariates between prisoners and general population were investigated. Previous research has indicated that t-test scores can be misleading, due to statistical significance being partially influenced by the sample size (Austin, 2008; Loughran et al., 2010; Rosenbaum & Rubin, 1985). Thus, the next step in determining covariate imbalance was to analyse the average difference in means, as a percentage of the average standard deviation (i.e., subtract the mean value of the covariate from the control group from the mean value of the covariate for the treatment group and divide that difference by this square root of the average variance across the treatment and control groups and then multiply the result by 100). Rosenbaum and Rubin (1985) suggested that a standardised absolute difference equal to or greater than 20% is an indication of imbalance. Table 1 indicates that nine of the covariates were imbalanced in the original sample (before matching). This indicated the necessity of using propensity score matching.
Table 1

*Desciptive statistics and absolute standardized difference between prisoners and general population*

<table>
<thead>
<tr>
<th>Covariate</th>
<th>M (SD) prisoners</th>
<th>M (SD) general population</th>
<th>Absolute standardized difference before matching (%)</th>
<th>Absolute standardized difference after matching (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>27.38 (9.21)</td>
<td>25.83 (6.14)</td>
<td>20.16</td>
<td>4.82</td>
</tr>
<tr>
<td>Upbringing</td>
<td>0.76 (.43)</td>
<td>0.91 (.29)</td>
<td>47.30</td>
<td>36.59</td>
</tr>
<tr>
<td>Exposure to violence</td>
<td>11.51 (6.51)</td>
<td>8.26 (6.76)</td>
<td>47.92</td>
<td>37.46</td>
</tr>
<tr>
<td>Criminal friend index</td>
<td>9.47 (10.56)</td>
<td>1.86 (4.51)</td>
<td>93.41</td>
<td>81.42</td>
</tr>
<tr>
<td>Loneliness and social dissatisfaction</td>
<td>25.90 (4.78)</td>
<td>26.91 (4.49)</td>
<td>21.74</td>
<td>20.69</td>
</tr>
<tr>
<td>Mother avoidance</td>
<td>9.02 (6.49)</td>
<td>9.03 (6.12)</td>
<td>5.53</td>
<td>8.69</td>
</tr>
<tr>
<td>Mother anxiety</td>
<td>3.87 (4.44)</td>
<td>2.18 (3.38)</td>
<td>46.98</td>
<td>35.31</td>
</tr>
<tr>
<td>Father avoidance</td>
<td>11.14 (8.21)</td>
<td>10.71 (7.61)</td>
<td>10.98</td>
<td>10.50</td>
</tr>
<tr>
<td>Father anxiety</td>
<td>3.82 (4.43)</td>
<td>2.84 (3.95)</td>
<td>28.16</td>
<td>16.21</td>
</tr>
<tr>
<td>Interpersonal Manipulation</td>
<td>28.47 (8.62)</td>
<td>28.06 (9.56)</td>
<td>4.01</td>
<td>11.33</td>
</tr>
<tr>
<td>Callous Affect</td>
<td>27.85 (6.76)</td>
<td>28.49 (7.36)</td>
<td>8.55</td>
<td>6.80</td>
</tr>
<tr>
<td>Erratic Lifestyle</td>
<td>34.82 (9.35)</td>
<td>28.84 (8.33)</td>
<td>62.52</td>
<td>51.41</td>
</tr>
<tr>
<td>Antisocial Behaviour</td>
<td>27.67 (9.52)</td>
<td>12.93 (9.43)</td>
<td>146.28</td>
<td>110.91</td>
</tr>
</tbody>
</table>
Nearest neighbour matching and post matching linear regression

The results in Table 1 indicate that observed systematic differences between prisoners and general population were greatly reduced or eliminated for all covariates except mother avoidance and interpersonal manipulation (but these two did not exceed 20 percent) suggesting that the application of greedy matching was effective.

With a new matched sample linear regression was employed to help determine if incarceration has an effect on RMA. The results suggest that after controlling for background variables using propensity score matching, incarceration has a significant positive effect on RMA ($F[1, 195] = 3.17; B = 2.96, SE = 1.66; \beta = .12, p < .05$).

Discussion

Very few studies with sound methodological designs have examined the influence of environmental variables on RMA. Consequently, the main purpose of the current study was to examine the effect of incarceration on RMA using propensity score matching technique. As already noted, PSA reduces selection bias by controlling for the influence of covariates which may have an effect on the outcome variable (Boduszek, Shevlin, Hyland, & Adamson, 2013; D’Agostino, 1998). Therefore, the utilisation of PSM in the present research increases the reliability and validity of the findings (Berzin, 2010; Brown, 2012).

Based on previous research which has indicated that male groups (i.e., fraternities and sports groups) and prison settings generate an environment conducive to the intensification of misogyny (Kupers, 2010) and RMA (e.g., Bleecker & Murnen, 2005; Boeringer, 1996; Forbes et al., 2006; Koss & Gaines, 1993; Sawyer et al., 2002), it was predicted that imprisonment would have a significant positive effect on stereotypical thinking about rape. To test this prediction, a two-step approach was adopted. First, the effect of incarceration on RMA was investigated using simple linear regression. Results revealed a non-significant
effect of incarceration on rape supportive attitudes. However, as previous research findings have indicated that certain background characteristics can have a significant effect on incarceration, RMA and sexual coercion (e.g., Bouffard, 2002; Debowska et al., in press; Malamuth, Sockloskie, Koss, & Tanaka, 1991; Smallbone & Dadds, 2000) this was not entirely unexpected. Thus, in order to reduce bias in background characteristics between our two samples and to isolate the effect of imprisonment, a propensity score matching procedure was utilised. Post-matching linear regression analysis revealed a statistically significant effect of incarceration on RMA. This finding is in line with previous similar studies which found that male-dominated settings can promote rape supportive attitudes (e.g., Bleecker & Murnen, 2005; Boeringer, 1996; Forbes et al., 2001; Koss & Gaines, 1993; Sawyer et al., 2002), and suggests an environmental influence on attitudes towards rape and rape victims. Thus, male groups appear to provide a set of norms condoning violence in sexual relationships (Boswell & Spade, 1996) which, in turn, may lead to the neutralisation of negative attitudes towards sexual aggression (Boeringer, 1999). Consequently, stereotypical perceptions of victim culpability in the context of rape are likely to be formed.

Furthermore, it appears that the effect of male-dominated settings on rape-supportive attitudes is not limited to fraternal organisations or sport clubs and is not due to internal forming rules of such milieus. Prisoners, just like other men joining community-based all-male circles voluntarily, seem to be subject to group socialisation and may develop an identification with the group’s values. It may also be that men who choose to spend time with other males and men subject to incarceration share similar psychological make-up, making them more aggressive and dominant and hence more likely to endorse rape myths (Locke & Mahalik, 2005).

Another possible explanation of the significant effect of incarceration on RMA is that being subject to imprisonment may result in the intensification of characteristics such as
masculinity, dominance, and aggression. Past research has indicated that hostile masculinity and dominance increase sexual aggression, distrust towards women, and the readiness to endorse rape myths (Locke & Mahalik, 2005; Malamuth, 1998; Malamuth et al., 1995). Moreover, it appears that the intensification of toxic masculinity, important for survival in prison settings, may lead to negative evaluations of femininity and hence increased RMA (Kupers, 2010). The present findings thus may be considered to provide tentative evidence that the exacerbation of stereotypical male traits may result in cognitive distortions pertaining to rape and rape victims.

The results of the present study should be interpreted in light of some limitations. First, the present sample consisted of Polish adults and hence it cannot be certain that the findings apply to other populations. Further research with participants from other cultural and linguistic backgrounds is therefore needed in order to exclude the possibility that the effects reported here are solely due to cross-cultural differences. Second, the use of self-report data within a sample of prisoners whose command of language is poor may have introduced several well-known limitations, such as response bias. Therefore, the concern is that the participants could not fully understand the questions posed to them. However, this aspect of the study could not be controlled by the researchers. Finally, the study did not control for participants’ affiliation with male-dominated groups, such as sport clubs or gangs. It may be, hence, that increased RMA was due to pre-existing experiences, rather than incarceration. It is recommended that future studies address this limitation. Previous research on RMA in male-dominated settings has focused on college fraternity men and athletes drawn predominantly from North American populations, thus, despite the aforementioned limitations, the results of the present study expand the current knowledge in the area of RMA in male groups.
Overall, findings of the current study provide a substantial contribution to the understanding of the aetiology of rape-supportive attitudes and add to the growing body of literature documenting the importance of environmental variables in explaining RMA (e.g., Bleecker & Murnen, 2005; Debowska et al., in press; Sawyer et al., 2002). The present results revealed that being subject to incarceration significantly predicts the endorsement of rape stereotypes and hence a high-risk group was identified. It is suggested that educational programmes in prisons should address the issue of gender inequality and interpersonal violence against women.
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