High Mate Value Men Become More Accepting of Intimate Partner Abuse When Primed With Gender Equality

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Although attempts to rectify intimate partner violence (IPV) predominantly target gender inequality as its socio-structural source, evolutionary insights cast doubt on the notion that gender equality unambiguously lessens IPV. Here we test whether the effect of gender equality on male-to-female IPV will depend upon men’s relative position in the sexual marketplace (i.e., their mate value). We primed 350 subjects (218 men) with one of three different prime types (high or low gender equality, or neutral control) each replicated five ways (total 15 primes). We measured support for coercive IPV and attitudes to abortion (to see if gender equality cues men’s urges to control female reproduction). Mate value moderated the effect of gender equality on men’s (but not women’s) attitudes toward IPV, and there was no effect for abortion. High-value men were supportive of IPV in conditions of gender equality, yet we found the reverse for low-value men. We interpret our results in light of the fitness costs and benefits IPV poses to perpetrators in high and low gender equality environments. Our findings show that phenotypic plasticity in male-to-female IPV can depend upon both broader socio-structural conditions between men and women and on an individual man’s position in the sexual marketplace.

Keywords: sexual conflict, gender equality, mate value, sexual coercion, intimate partner violence

INTRODUCTION

Intimate partner violence (IPV) is a pervasive phenomenon worldwide and is the most common form of violence suffered by women (World Health Organization, 2013). Attempts to rectify this major public health problem predominantly target gender inequality as its socio-structural source, with numerous campaigns seeking to reduce IPV by elevating women’s social status. Although the social and political ramifications of raising women’s status have profound and lasting positive consequences (Hudson et al., 2012), empirical and theoretical insights cast doubt on the notion that gender equality unambiguously lessens male-to-female IPV (Jewkes, 2002; Burazeri et al., 2005; Krishnan et al., 2010; Rahman et al., 2011). Indeed, evidence supporting a relationship between gender parity and IPV is highly ambiguous, with equivalent bodies of research showing statistically significant relationships between the two phenomena in opposing directions (Chafetz, 1985; Gartner et al., 1990; Dobash and Dobash, 1992; Straus, 1994; Dugan et al., 1997; Heise, 1998; Jewkes, 2002; Burazeri et al., 2005; Mann and Takyi, 2009; Krishnan et al., 2010; Rahman et al., 2011; Jewkes et al., 2015). Using an evolutionary framework, we seek to shed light on these contradictions.
Here we investigate whether the effect of gender equality on men’s attitudes toward male-to-female controlling, coercive behaviors—known precursors and predictors of physical IPV—varies according to men’s relative position in the sexual marketplace (i.e., their mate value).

**Gender Equality and IPV: Socio-Structural Accounts**

Scholars from numerous disciplines assert with good reason that the prevalence of male-to-female IPV is largely accounted for by social and institutional conditions of gender inequality (Chafetz, 1985; Dobash and Dobash, 1992; Dugan et al., 1997; Jewkes et al., 2015). Societies in which men control the economic, educational, religious, political, and legal systems are characterized by social roles where men are dominant and agentic and women are subordinate (Woodin and O’Leary, 2009). Male-to-female IPV is seen as an extension of these unequal and oppressive power relations, and prevailing logic dictates that moves toward gender parity will lessen the likelihood of women’s violent victimization (Gartner et al., 1990; Dugan et al., 1997; the amelioration hypothesis). In support of this logic, much evidence indicates that female subordination promotes IPV (Straus, 1994; Heise, 1998; Titterington, 2006) and that socio-structural moves toward gender parity reduce it (Mann and Takyi, 2009; Grabe, 2010).

The relationship between gender equality and IPV is muddied, however, by theoretical insights and empirical evidence that gender equality can increase as well as reduce IPV. Russell (1975) argued that gender parity will result in men retaliating with violence for their loss of relative power (the backlash hypothesis). By threatening masculine identities, gender equality may promote male-to-female IPV so men can maintain dominance over women. Conversely, when gender parity lowers and women hold less social and economic power, the backlash hypothesis posits that women will be met with less violence (Bailey, 1999). In contrast to findings that support the amelioration hypothesis, several studies also support the backlash hypothesis, demonstrating that increases in gender parity correlate with higher rates of IPV and rape (Jewkes, 2002; Burazeri et al., 2005; Krishnan et al., 2010; Rahman et al., 2011).

To reconcile these contradictory results, Whaley (2001) posited the inverted “U” hypothesis. She argued that moves toward gender parity will initially increase IPV by threatening men’s collective interests, but over time IPV will reduce as men become accustomed to gender equality and women solidify their enhanced structural power (Whaley et al., 2013). There is moderate support for these predictions in the USA (Bailey, 1999; Whaley, 2001), though the pattern of results arises only when gender equality is operationalized in particular ways (Whaley, 2001). It is also challenged by a body of literature evidencing null effects of gender equality on IPV (Brewer and Dwayne Smith, 1995; Reckdenwald and Parker, 2011) and by recent IPV prevalence rates in the Nordic region of Europe. The Nordic region is currently the most gender equitable in the world, yet suffers disproportionately high rates of IPV (prevalence rates are 29–32%; Nerøien and Schei, 2008). In contrast to the central tenet of the inverted “U” hypothesis, high levels of gender equality have existed in this region for a sufficient period of time to warrant ameliorative effects (World Economic Forum, 2006, 2015), yet IPV prevalence remains remarkably high.

**Gender Equality and IPV: An Evolutionary Perspective**

The existence of effects that confirm and disconfirm backlash, ameliorative, and inverted “U” hypotheses highlight our insufficient understanding of the variegated relationship between gender equality and IPV. This contradictory evidence emphasizes the need for an approach that uncovers the processes generating individual variation in IPV in the context of high and low gender equality, rather than focusing only on the collective interests of men and women, as if those interests were monolithic (Figueredo and McCloskey, 1993; Wilson and Daly, 1996; Goetz et al., 2008; Buss and Duntley, 2011). A number of caveats have been proposed to account for the conditional nature of backlash and ameliorative effects, arguing, for example, that these effects depend on women’s societal status (Gartner et al., 1990) or men’s labor force participation (Macmillan and Gartner, 1999). Though these caveats have merit, we argue that the relationship between gender equality and IPV should be considered in light of gender equality being a destabilizing force in the sexual marketplace. We outline our reasoning below.

Evolutionary perspectives hold that the incidence of IPV is contingent on ecologically valid cues of threat to a sexually exclusive relationship (Wilson and Daly, 1996). When these cues arise, IPV functions as a form of punishment to deter fitness-threatening behavior on the part of the victim, such as sexual infidelity, investing resources in another person, or leaving the relationship (Goetz et al., 2008; Buss and Duntley, 2011). IPV is often an extension of controlling, coercive abuse (Kelly and Johnson, 2008), one that can be viewed as an attempt to monitor and suppress fitness threats of infidelity or the likelihood of a victim terminating the relationship (Graham-Kevan and Archer, 2009).

Across species, the intensity of aggression exhibited by one individual toward another has been shown to vary according to the degree of fitness threatened (Clutton-Brock and Parker, 1995). Evolutionary perspectives thus hold that the likelihood of IPV should vary with the severity and immediacy of the fitness threat presented. In support of this notion, controlling, coercive abuse and IPV reliably arise in response to real or imagined threats to sexual exclusivity (Goetz and Shackelford, 2006, 2009; Cousins and Gangestad, 2007; Camilleri and Quinsey, 2009) and vary according to the fitness costs presented by potential female infidelity (Figueredo and McCloskey, 1993; Gangestad et al., 2002; Peters et al., 2002; Graham-Kevan and Archer, 2009; Wilson and Daly, 2009). The prospect of relationship dissolution or defection also results in controlling behavior and coercion, and this too can escalate to violence (Daly and Wilson, 1988; Shackelford et al., 2005).

When considering the influence of gender equality on IPV, a narrow evolutionary perspective would likely predict effects consistent with the backlash hypothesis: that is, that gender equality should increase IPV for all men. This prediction is
driven by the logic that gender parity increases the threat of female infidelity and relationship dissolution by reducing the ability of men to guard and confine their mates (D’Alessio and Stolzenberg, 2010). Women’s entry into the workplace also composes a particular threat to paternity certainty, as sexual infidelity for both sexes is more likely to occur in the workplace than any other venue (Atkins et al., 2001). By bolstering social norms that promote female choice and by increasing women’s access to romantic alternatives, gender equality also elevates the risk of female defection. In addition, as gender equity ameliorates sex differences in wealth, it erodes the wealth differential between potential mates (Bertrand et al., 2015), and thus the value of men’s principal contribution to the sexual transaction (sensu Baumeister and Vohs, 2004). These outcomes should reduce the average power differential within relationships, making permanent relationships (e.g., marriage) both less likely to form, and more likely to dissolve (Bertrand et al., 2015).

Although this framework predicts that gender equality threatens the fitness interests of all men, the strength of these threats should covary with an individual man’s value in the sexual marketplace (i.e., his mate value). Mate value is an individual’s overall level of consensually-assessed desirability on the mating market (Buss, 2003) and encompasses the degree to which a mate could promote the reproductive success of whomever mates with them (Symons, 1995). For men, mate value comprises status, resource holdings, and prestige (Buss, 1989; Betzig, 1994). High status men in a variety of societies have been shown to have greater reproductive success than those who are lower in status (Betzig, 1994; Hopcroft, 2006) and tend to attract and marry women who are sought after and more physically attractive (UDry and Eckland, 1984). This fact means that gender equality affects men’s fitness interests differentially, depending on where they sit in the male hierarchy. As such, a man’s mate value should moderate the degree to which gender equality threatens his fitness, and, accordingly, his likelihood of enacting IPV. Below, we outline predictions for high- and low-value men.

Predictions for High-Value Men
The fitness of high-value men may be particularly threatened by gender equality for three reasons. First, high-value men are more likely than low-value men to be paired or to find a partner in the near future. This outcome means that high-value single men are less likely to enjoy a mating advantage under gender equality than inequality, at least to the extent that mate value is based on relative wealth, earning potential, and other forms of status that impinge gender equality. Second, high-value men are more likely to pair with high-value women; and third, they have more resources to invest in their mates and their mates’ children. Both the high mate value partners of paired high-value men and their greater resource investment means that female defection and infidelity are far more costly (Wilson and Daly, 2009). These threats to evolutionary fitness are particularly cogent as fitness is relative; a mating or conception to one male is denied to all other male competitors. Thus, for these three reasons, high-mate-value men may be more likely to enact IPV in conditions of gender equality.

Predictions for Low-Value Men
An alternative prediction holds that low- as opposed to high-value men may be more psychologically threatened by gender equality, and enact more IPV as a result. Low-value men are disadvantaged in the mating market, and thus may be more reliant upon sociostructural power to attract and retain mates. Gender equality substantially threatens this advantage. In the event of relationship dissolution—which is more common under gender equal conditions (Bertrand et al., 2015)—low-value men are also less likely to attract another mate, which may result in them enacting IPV in gender equal conditions to avoid relationship dissolution. One problem with this prediction, however, is that socially unacceptable responses—such as enacting IPV in conditions of gender parity—risk inflicting serious damages to a low mate value man’s reputation. Reputational damage arguably poses a much greater threat to reproductive success for men who are competitively disadvantaged, as such men cannot attract mates by other means (as they lack economic resources, see Nisbett and Cohen, 1996). In this event, enacting IPV in conditions of gender equality may potentially pose a net fitness loss for low-value men, meaning that they may be less likely to enact it in these conditions. In the current work, we contrasted these predictions to determine the degree to which gender equality elevated IPV for low- and high-value men.

Gender Equality, IPV, and Attitudes Toward Abortion
Abortion represents another arena in which men can control women, and abortion, coercive controlling behavior, and physical IPV often intertwine. In the USA, IPV is more common among women seeking pregnancy termination than in the general population (Evins and Chescheir, 1996). Women seeking abortions who choose to disclose neither pregnancy nor termination to the father were twice as likely as other patients seeking abortions to have been abused by that partner in the past year (Woo et al., 2005). Women cite reasons for not disclosing abortion intentions as the fear of being physically harmed by their partner, fear that he would oppose the abortion, or fear that having a baby would impinge upon the ability to leave a relationship that had no future (Woo et al., 2005). Further, a high proportion of adolescent female IPV victims report that their abusive partners were sabotaging their birth control and using other methods to coerce them into pregnancy (Thiel de Bocanegra et al., 2010). Given the multiple overlaps between abortion and IPV, and the fact that anti-choice attitudes are often associated with socially conservative attitudes more permissive of IPV, and generally opposed to gender equity, we predicted the same MV-specific effects of gender equity on attitudes to abortion.

The Current Work
We tested whether gender equality interacted with mate value to predict attitudes toward controlling coercive behaviors of the kind that predict male-to-female IPV. We primed men and women with conditions of high or low gender equality, or a control condition, and measured attitudes toward male-to-female intimate partner coercion and control. We focused our
investigation on people living in the USA as prevalence rates for IPV are high in the Americas compared to other developed and developing world regions (lifetime prevalence among ever-partnered women of 29.8%; World Health Organization, 2013). Attempts to unduly coerce and control female partners are positively associated with, and frequently escalate into, intimate partner violence (García-Moreno et al., 2005; Krabé et al., 2005; Johnson et al., 2008). We also measured attitudes toward abortion, to see if IPV-related attitudes extended to those related to the control of female reproduction. We explored whether men’s mate value would moderate the effect of gender equality on attitudes toward both intimate partner coercion and abortion, and in what direction. We predicted that unlike men, women’s attitudes concerning both intimate partner coercion and abortion would not depend on their mate value.

METHODS

Participants and Design
Three hundred and fifty people (218 men, \( M_{\text{age}} = 30.59, SD = 6.32 \)) recruited from Amazon Mechanical Turk participated in the study ostensibly on reading comprehension for US$1.10. Pre-screening criteria included 18–45 years old age, heterosexuality, single relationship status, and fluency in written English. Twelve people were withdrawn for guessing that the gender equality prime was fabricated, and eight were withdrawn for failing the manipulation check, leaving \( n = 330 \) (210 men, \( M_{\text{age}} = 30.69, SD = 6.28; 73.6\% \) Caucasian). Participants were randomly assigned to one of 15 groups, in a 5 (prime: newspaper article, quiz, infographic, bibliography, award profiles) \( \times 3 \) (condition: gender inequality, gender equality, control) between-participants design. All data and materials are available at https://osf.io/3qw8g. This study was carried out in accordance with the recommendations of the National Statement on Ethical Conduct in Human Research from the National Health and Medical Research Council Australia. The protocol was approved by the UNSW Sydney Human Research Ethics Panel (HC16930). All subjects gave written informed consent in accordance with the Declaration of Helsinki.

Procedure
Participants were presented with one of five primes which gave the impression that gender equality in their state was high, low, or neither (control condition). They then answered questions about the acceptability of male-to-female intimate partner coercion and abortion, rated their self-perceived mate value, and were debriefed.

Materials
Primes
In the gender equality condition, primes gave the impression that gender equality was at or near parity in the participant’s home state. In the gender inequality condition, primes gave the impression that women in the participant’s state were disadvantaged compared to men. In the control condition, primes were unrelated to gender. The five primes per condition were a fictitious newspaper article, quiz, bibliography, list of candidates for an award, and an infographic (all available at https://osf.io/3qw8g). By using five different primes in each condition and analyzing the results in a nested manner, we are able to genuinely replicate the application of the treatment, strengthening the robustness of our conclusions compared with other single-prime experimental approaches.

Intimate Partner Coercion
Nineteen items assessed the acceptability of male-to-female intimate partner coercion in the domains of making demands (e.g., “how acceptable do you feel it is for a man to make demands to his intimate partner regarding going out socially without him?”), checking that demands were complied with (e.g., “how acceptable do you feel it is for a man to use an audio or video recorder to check his intimate partner complied with one of his demands?”), and punishing their intimate partner for not complying with their demands (e.g., “how acceptable do you feel it is for a man to keep his intimate partner from seeing or talking to family or friends if she doesn’t comply with one of his demands?”). Items were adapted from the measures of nonviolent coercive control (Dutton et al., 2008) as predictors of IPV and averaged (1-not at all acceptable, 7-very acceptable; Cronbach’s \( \alpha = 0.95, M = 2.24, SD = 1.16 \)).

Abortion
Five items assessed acceptability of abortion (e.g., “how acceptable is abortion if a woman doesn’t want a child?”; 1-not at all acceptable, 7-very acceptable; \( \alpha = 0.97, M = 4.13, SD = 2.29 \); Coleman and Nelson, 1998).

Mate Value
Four items measured self-perceived mate value on a seven-point scale, with high scores indicating higher mate value (e.g., “Overall, how good of a catch are you?”; \( \alpha = 0.96, M = 4.57, SD = 1.36 \); Edlund and Sagarin, 2014).

Data Analysis
Analyses were conducted using univariate ANOVAs and linear regression. All analyses included prime (nested in condition) and the participant’s geographic region as random effects (gendered mate value interaction). As outliers as were cases with Cook’s distances exceeding 1.0 (\( n = 0–3 \) cases). We first tested for sex differences in attitudes toward IPV and abortion (controlling for condition), finding a significant and large sex difference for attitudes toward intimate partner violence, \( F_{(1,304)} = 23.10, p < 0.001, \eta^2_p = 0.07 \), but not abortion (\( p = 0.556, \eta^2_p < 0.01 \)). For this reason, subsequent analyses testing for the hypothesized condition \( \times \) mate value interaction were thus separated by sex for intimate partner coercion but not abortion.

RESULTS
Both males (\( M = 2.51, SD = 1.22 \)) and females (\( M = 1.83, SD = 0.94 \)) generally rated controlling coercive behaviors as unacceptable, but women rated it less acceptable than men did, \( F_{(1,304)} = 23.10, p < 0.001, \eta^2_p = 0.07 \). For men, the effect of gender equality on the acceptability of intimate partner coercion...
Past work has demonstrated that gender equality can result in backlash and ameliorative effects on IPV, both increasing (Jewkes, 2002; Burazeri et al., 2005; Krishnan et al., 2010; Rahman et al., 2011) and decreasing male-to-female IPV prevalence (Chafetz, 1985; Gartner et al., 1990; Dobash and Dobash, 1992; Dugan et al., 1997; Jewkes et al., 2015). Some work has been devoted to understanding this contradiction, and numerous moderators have been proposed to account for the ambivalence of observed effects (Gartner et al., 1990; Whaley, 2001; Brownridge, 2002). We extend this work by showing that the effect of gender equality on attitudes that underpin the incidence of IPV is consistent with predictions,
derived from evolutionary theory, regarding the relative fitness costs and benefits accrued by enacting IPV in high and low gender equality environments.

Gender equality can elevate the risk to single men of remaining unmarried, and to partnered men of getting divorced or being cuckolded. Single men who earn more are more likely to find a partner (Becker et al., 1977; Bertrand et al., 2015), but the effect is greater if the gap between male and female earnings is large. These effects on individual partnering decisions have big aggregate effects on marriage markets. The probability that a randomly-chosen woman earns more than a randomly chosen man in the USA, for example, has increased from 11–14% in 1970 to 31–32% in 2010, a change that explains 23% of the observed decline in marriage rates over that same interval (Bertrand et al., 2015). The primes of gender inequality we applied may have cued a deteriorating marriage market to our single male participants, particularly threatening those men with resources sufficient to warrant them being high-value mates.

Divorce rates also rise as women’s earnings approach, and especially when they exceed, their husbands’ earnings (Becker et al., 1977; Jalovaara, 2003; Bertrand et al., 2015). Similarly, people report engaging in more infidelity and a greater chance of being sexually unfaithful when they are attractive and hold relational power (Lammers et al., 2011). For high-earning men, a closing gender gap may raise the prospect of relationship instability and of their wives and girlfriends being unfaithful. This prospect alone could dispose these men more favorably to the controlling, coercive behaviors that function to retain mates and forestall infidelity. Our results may also reflect a shift in mate retention strategies, in addition to, or instead of, an increase in the need to retain a mate. High-value men (including wealthy men) already have greater average bargaining power than their partners, which may explain why such men are generally less likely to resort to controlling and coercive tactics in order to retain a mate (Graham-Kevan and Archer, 2009; Miner et al., 2009; Buss and Duntley, 2011). Such men tend to adopt tactics for partner retention that focus more on benefit provisioning, whereas men who are lower in mate value (or whose mate value is sliding down relative to their mates) are more likely to adopt cost-inflicting behaviors, such as the ones in our study (Miner et al., 2009). That high-value men are more accepting of IPV in conditions of gender equality may reflect a shift in mate retention strategies, from provisioning to coercion and IPV.

Why is it that low-value men become less inclined to favor intimate partner coercion when gender relations are more equal? Perpetrating or even sympathizing with IPV in conditions of gender equality risks damaging a man’s reputation more under conditions of gender equality than under less-equal conditions. This reputational damage may be more injurious to fitness for low-value men for whom reputation is more important, as reputation loss may threaten one of the only resources low-value men hold to attract mates (Nisbett and Cohen, 1996). Enacting IPV in conditions of gender equality may thus potentially pose a net fitness loss for low-value men, seriously jeopardizing their likelihood of retaining a current mate or securing a new one. Although our results do not rule out the likelihood that the overall prevalence of IPV is greater amongst groups with absolute or relative disadvantage (e.g., Jewkes, 2002), they do suggest that competitively disadvantaged men are less likely to enact IPV in conditions where the net fitness benefit is likely to be negative. Prevention efforts that heavily sanction IPV offenders with reputational costs may be particularly likely to reduce IPV amongst this population.

In conditions of gender inequality, high-value men were less likely to express attitudes accepting of IPV, possibly because low paternity certainty and high structural power resulted in mating conditions closer to optimal for these men. It is probable that high-value men have few functional reasons to support IPV in conditions of gender inequality. Conversely, gender inequality elevated the acceptance of IPV when men’s mate value was very low, suggesting that IPV perpetration by these men is contingent on social norms that promote male dominance and female subordination. When gender conditions are unequal, men with low mate value appear to capitalize on oppressive social norms and low female structural power, seeking to maintain dominance over their intimate partners through coercive violence.

These findings provide important insights in understanding how socio-structural conditions affect the prevalence of IPV. In support of the amelioration hypothesis (Gartner et al., 1990; Dugan et al., 1997), we find that gender equality can ameliorate the tendency for low-value men to enact IPV, and further suggest that such an outcome eventuates by raising the fitness costs associated with the behavior (i.e., reputation loss). In support of the backlash hypothesis (Russell, 1975; Bailey, 1999), we show that gender equality can increase the likelihood of high-value men perpetrating IPV, here suggesting that this outcome is due to the high fitness losses gender equality poses to high-value men (i.e., greater cost of female infidelity and defection). These findings are consistent with the notion that gender equality can exert a destabilizing force in the sexual marketplace. Likewise, our results show that the emergence of IPV is facultative in response to adaptive problems (D’Alessio and Stolzenberg, 2010).

Attenuating the positive effect of gender equality on IPV perpetration amongst high-value men is more challenging. In environments where economic resources are key to men’s ability to attract and retain a mate, gender parity will continue to threaten male fitness and generate intersexual conflict. Backlash effects should be conditional upon the likelihood that they will deter a mate from defection or infidelity in the current ecology. Thus, while some women are willing to (or must) endure mates who enact IPV, reputational costs are unlikely to dissuade IPV perpetration. Given that gender equality provides women greater means to leave abusive relationships, unfavorable social structures probably explain little variance in IPV prevalence in these conditions. New insights into the prevalence of IPV amongst high-value men may eventuate from considering the notion that gender equality reduces women’s likelihood of leaving abusive intimate relationships for other, undocumented reasons. This point of view holds that IPV perpetration amongst high-value men in conditions of gender equality will be curtailed most strongly by elevating female resistance, as the prevailing socio-structural and mating conditions given by gender equality exacerbate the functionality of male-to-female IPV.
**Attitudes Toward Abortion**

We reasoned that restrictive attitudes toward abortion may increase under the same conditions as IPV due to the shared themes of coercion and control, and the high coincidence of unwanted pregnancy and intimate partner abuse. We found that the relationships between gender equality, mate value, and attitudes toward abortion were not significant. Given abortion is such a polemic topic, it is possible that our use of solely explicit measures precluded the detection of potentially subtle variation in abortion attitudes. Likewise, gender equality and mate value may affect attitudes toward abortion only when they are in the context of one’s intimate partner seeking an abortion, and not women generally (as operationalized in the current study). Future work testing these alternatives would be informative.

**Limitations**

One limitation of the current work is that we did not measure physical intimate partner violence. Although coercive and controlling intimate partner behavior are associated with and commonly escalate into intimate partner violence (Krahé et al., 2005; Johnson et al., 2008), our results would be strengthened by replication with behavioral measures. We have no reason to suspect that the effect of gender equality and mate value would differ for coercive intimate partner behavior vs. physical IPV, especially because coercive emotional abuse is a gateway to more harmful IPV behaviors. Our priming approach may be too subtle, however, to elicit changes in attitudes more directly concerning IPV, as the strong social undesirability of IPV might strip out variation in attitudes in much the way we suggest may have happened for abortion. The indirect, and for many people poorly understood links between controlling behaviors like monitoring a partner and IPV, may have enabled us to detect relatively subtle effects. The ideal next test of predictions would study links between gender equity, mate value and actual controlling, coercive or violent behavior.

We also note that many of the elements that led to our predictions remain to be well-established, and our sample was all from the USA (i.e., a WEIRD nation). The links between conditions of gender equality and paternity uncertainty, relationship formation, and defection have some support, but the moderation of these effects by mate value needs more direct testing. Likewise, whether the threat of reputational costs dissuade low-value men from enacting IPV remains a directly testable hypothesis. Tests of potential mediators may involve a complicated experimental design, but would nonetheless offer convergent support for our findings.

**CONCLUSION**

We found that the effect of gender equality on men’s attitudes concerning IPV and the controlling, coercive behaviors that often underpin IPV varied according to men’s relative position in the sexual marketplace (i.e., their mate value). When mate value was high, gender equality increased men’s support for male-to-female IPV, and the converse was found for low-value men. We highlight the importance of understanding the prevalence of IPV within a framework that explicates the fitness costs and benefits of enacting IPV in particular ecological environments.

**DATA ACCESSIBILITY STATEMENT**

All data and materials are publicly available on the Open Science Framework https://osf.io/3qw8g/.

**AUTHOR CONTRIBUTIONS**

KB and RB conceived and designed the study. KB collected, analyzed the data, and drafted the article, RB provided critical revisions.

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