



A Study of the Mental Wellbeing of Imprisoned Women in Iran

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Abstract

The study investigates the mental well-being of 35 women prisoners (mean age = 28.7, SD = 7.6) who all had received the capital punishment, in the Gorgan jail, northeastern Iran. Most of them had received their sentence for killing their husband. A control sample of 35 women of the same age from Gorgan was included. The respondents filled in a paper-and-pencil questionnaire. The imprisoned women scored higher than the controls on aggression, anxiety, and hostility; the controls scored higher than the imprisoned women on social support and emotional self-efficacy. The imprisoned women had, to a greater extent than the controls, a family history with addiction problems and suicidality.

Keywords: capital punishment, women, prison, mental wellbeing, Iran

Introduction

The present study has its focus on imprisoned women who have received the capital punishment. Studies on the mental health of prisoners who have received the capital punishment are scarce; studies of women given a death sentence are even more so. Studies show that women are under-represented among those who have received the

capital punishment: Strieb (2001) found that only 2.8% of the individuals executed in the United States since 1608 have been females. Women are under-represented even in comparison with how often they commit murder. Strieb (ibid.) reports that women account for 13% of murder arrests, but only 1.9% of death sentences.

In a review article, Cunningham and Vigen (2002), summarize that rates of psychological disorders among inmates who have received the death sentence in general are high. Several studies have found evidence of psychosis (Freedman & Hemenway, 2000; Lewis, 1979; Lewis, Pincus, Bard, Richardson, Prichep, Feldman, & Yeager, 1988; Lewis, Pincus, Feldman, Jackson, & Bard, 1986; Cunningham & Vigen, 1999), paranoia (Panton, 1976, 1978) depression (Cunningham & Vigen, 1999; Freedman & Hemenway, 2000; Gallermore & Panton, 1972; Johnson, 1979); and PTSD (Freedman & Hemenway, 2000). Head injuries and neurological impairments are also common (Lewis et al., 1986). Many inmates with a death sentence have a history of trauma, family disruption, and substance abuse (Cunningham & Vigen, 2002).

Women who kill differ from men in the sense that they more often than men – in more than 50% of the cases – kill someone from their own family, most often their husband (Clevenger & Roe-Sepowitz, 2009; Snell, 2001). Women who kill, but who do not have an abusive husband to blame for their outburst, or a postpartum psychosis to explain the homicide of their baby, are to the world-at-large a strange and alien group, since they do not fit in with the usual gender stereotypes. The reaction to female offenders is expressed in the "evil woman hypothesis", i.e. the view that women who offend outside normative gender roles are to a double extent deviant (Gavin & Porter, 2015).

But are they? It has long been known that women conduct as much intimate partner violence – at least low intensity violence – as men, and that the majority of violent intimate relationships are mutually violent (Straus & Gelles, 1985; Stets & Straus, 1990). This view has been referred to as symmetry theory (Archer, in press). In support of this view, some recent studies (Australian Bureau of Statistics, 2012; Kar & O'Leary, 2010) have found women to be just as likely as men to be violent. However, an examination of criminal records shows that intimate partner violence leading to severe injury or homicide more often is directed from men against women than vice versa (Grech & Burgess, 2011). This finding provides support for the gender asymmetry theory, the traditionally held view.

Archer (in press) therefore suggested a revised symmetry theory, suggesting that as far as low intensity aggression is concerned, gender symmetry holds, but when the level of violence increases to the level of the infliction of physical injury and homicide, men are perpetrators to a greater extent than women. This theory unifies the two approaches, and it is to our understanding the most accurate conceptualization of the issue so far.

While the most severe cases of intimate partner violence with a deadly outcome are directed against women, more than 40% of cases of severe physical violence in the

U.S. still are directed at men (National Intimate Partner and Sexual Violence Survey, 2010).

There is to date no available data about how common it is in Iran that women commit homicide in comparison with men. Neither do we know in how many of these cases they react against violence they themselves have been exposed to from abusive husbands, and whether they act in self-defense. What we do know is that women in Iran who kill their husbands more or less without exception are sentenced to death. Whether they will be executed or not is up to the relatives of the deceased husband; they have the power to pardon the woman who has been sentenced to death, often in exchange for a sum of money. However, even in the case of being pardoned, the women will have to spend between 3 to 10 years in prison.

Method

Sample

The total sample consisted of 70 women, including 35 imprisoned women sentenced to death and 35 women who served as a control group. The imprisoned women were all from Gorgan prison; Gorgan is a city in northeastern Iran. All of them had been sentenced to death, in most cases for killing their husband. The women in the control group were all from the city of Gorgan, free and with no history of criminal charges. They were randomly selected in order to match the imprisoned group with regard to age, education, and marital status. The women of the samples were all from an age range of 18-40 years of age. The mean age of the imprisoned women was 28.7 years ($SD = 7.6$), and the mean age of the women of the control group was 29.1 years ($SD = 5.3$). The age difference was not significant.

Instrument

The data were collected by use of a questionnaire. The questionnaire consisted of seven scales and some single items. (1) Aggression was measured with the Mini Direct and Indirect Aggression Inventory (Mini-DIA; Österman & Björkqvist, 2010); (2) victimization from others' aggression was measured with the victim version of the Mini-DIA (ibid.); (3) emotional self-efficacy was measured with the emotionality subscale of the Self efficacy Questionnaire (SEQ; Muris, 2001); (4) social support was measured with the Multidimensional Scale of Perceived Social Support Assessment (MSPSSA; Zimet, Dahlem, Zimet, & Farley, 1988). Three subscales from the Brief Symptom Inventory (BSI; Derogatis, 1975) were also included in the test battery: (5) depression, (6) hostility, and (7) anxiety. The number items of each scale, as well as Cronbach's α -values as a measure of reliability, are presented in Table 1.

In addition, there were questions pertaining to whether there had been histories of addiction problems and suicide in the family. However, these were not scales but nominal level single items, which were analysed separately.

Table 1: The Scales of the Study, Number of Items and Reliability (Internal Consistency) Scores Measured with Cronbach's α .

Scales	Number of items	Reliability
Aggression	4	.74
Victimisation	5	.84
Hostility (BSI)	5	.83
Depression (BSI)	6	.89
Anxiety (BSI)	6	.94
Social Support	8	.74

Procedure

The data were gathered on site in the prison with one of the researchers present. It took about one hour to fill in the questionnaire. For the collection of data from the control group, the same questionnaire and procedure were used.

Ethical considerations

The data were collected under strict anonymity with the informed consent of jail authorities and, above all, the women themselves. The study adheres to the principles concerning human research ethics of the Declaration of Helsinki (World Medical Association, 2013), as well as guidelines for the responsible conduct of research of The Finnish Advisory Board on Research Integrity (2012).

Results

A multivariate analysis of variance (MANOVA) was conducted with group belonging (imprisoned women vs. controls), as independent variable, and the seven scales (Aggression, Victimization, Hostility, Depression, Anxiety, Social support, Emotional Self-efficacy) as dependent variables. The results are presented in Table 2 and Figure 1.

As can be seen, the imprisoned women scored significantly higher on Aggression, Victimization, Hostility, and Anxiety; there was a tendency towards a significant difference on Depression. They scored significantly lower than the controls on Social Support and Emotional Self-efficacy.

The imprisoned women had, more often than the controls, a family history with addiction problems (74.3% of the cases vs. 37.1% of the cases among the controls; $\chi^2_{(1)} = 9.79$, $p = .002$) and suicide (37.1% of the cases vs. 14.3% among the controls, $\chi^2_{(1)} = 4.79$, $p = .029$).

Table 2: Results from a Multivariate Analysis of Variance (MANOVA) with Group Belonging (Imprisoned Women vs. Controls) as Independent Variable and the Seven Scales of the Study as Dependent Variables (cf. Fig. 1).

	F	df	p ≤	η_p^2	Group differences
Multivariate Analysis	8.09	8, 68	.001	.515	
Univariate Analyses					
Aggression	10.09	1, 68	.002	.130	IW* > C**
Victimisation	0.09	„	ns	.001	
Hostility (BSI)	9.95	„	.002	.129	IW > C
Depression (BSI)	3.12	„	.085	.044	(IW > C)
Anxiety (BSI)	21.06	„	.001	.237	IW > C
Social Support	14.97	„	.001	.182	C > IW
Emotional Self Efficacy	8.93	„	.004	.116	C > IW

Note: * IW = Imprisoned Women; **C = Controls

Discussion

The findings corroborate previous findings about the mental status among prisoners with a death sentence (cf. the review by Cunningham and Vigen, 2002). The women in this study scored significantly higher than the controls on aggression, hostility, and anxiety, and there was a tendency towards a significant difference on depression. It should be noted that also in regard to depression, the effect size (η_p^2) was .044; due to the small sample size, however, the group difference did not fully reach significance. In regard to social functioning, the women on death row scored lower than the controls on emotional self-efficacy and social support.

The results thus provide a similar picture of the mental health of individuals with a death sentence in Iran with that of death row inmates in for instance U.S.A.

The study is unique because it is, to our knowledge, the first study in the world to focus solely on imprisoned women with a death sentence. However, it yielded similar results to studies having mainly men sentenced to death as respondents.

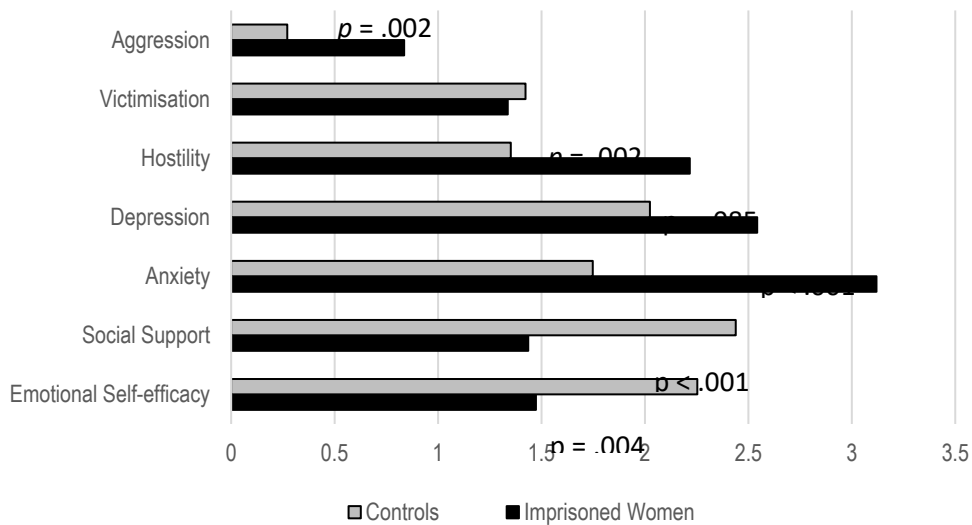


Figure 1. Mean scores for imprisoned women with a death sentence and controls on the seven scales of study (cf. Table 2).

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