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Abstract: The main objective of the present study is to establish a comparison between ideology (RWA and SDO), ambivalent sexism and beliefs about sexual violence, in a sample of Peruvian trainee from a police officer school (n = 81) and university students (n = 196). In addition, as a specific objective, it seeks to explore the relationships between the mentioned variables. The results showed significant differences between the groups at the level of the RWA (Right Wing Authoritarianism) ideological variable and the Subordination of women dimension of the Beliefs about Sexual Violence variable. Likewise, the structural model shows that the variables RWA and SDO (Social Dominance Orientation) have an impact on the dimensions of beliefs about sexual violence: Attribution of blame to women, Subordination of women and Exaggeration of women, having as mediators Benevolent and Hostile Sexism. The results show that beliefs about sexual violence in the sample of this study link to sexism and these, in turn, to ideology; however, the routes in which these beliefs are configured vary between police trainee and university students. Higher levels of RWA are observed in police trainee, an ideological indicator that, in this sample, paradoxically tends to be inversely related to sexism and beliefs about sexual violence against women that blame and subordinate them. Regarding the path of social dominance, this also directly relates to both expressions of benevolent and hostile sexism, although with greater predominance with the second, appealing to sex as a structural element on which this ideological component is established.

Keywords: Ambivalent sexism, Right-wing authoritarianism, Social dominance orientation, Beliefs about sexual violence, Police trainee, University students.

Resumen: El presente estudio tiene como objetivo principal establecer una comparación entre la ideología (RWA y SDO), el sexismo ambivalente y las creencias sobre la violencia sexual, en una muestra de cadetes de una escuela de oficiales (n=81) y estudiantes universitarios (n=196). Además, como objetivo específico, busca explorar las relaciones entre dichas variables. Los resultados demostraron diferencias significativas entre los grupos a nivel de la variable ideológica RWA (Right Wing Authoritarianism) y la dimensión Subordinación de la mujer de la variable Creencias sobre la Violencia Sexual. Asimismo, el modelo estructural evidencia que las variables RWA y SDO (Social Dominance Orientation) afectan las dimensiones de creencias sobre la violencia sexual: Atribución de la culpa a la

mujer, Subordinación de la mujer y Exageración de la mujer teniendo como mediadores al Sexismo Benevolente y Hostil. Los resultados muestran que las creencias sobre violencia sexual en la muestra están vinculadas al sexismo y estas, a la ideología también; sin embargo, los recorridos en que estas creencias se configuran varían entre estudiantes de policía y estudiantes universitarios. En estudiantes de policía se observan niveles más altos de RWA, indicador ideológico que, en esta muestra, paradójicamente tiende a estar inversamente relacionado con el sexismo y creencias sobre la violencia sexual contra las mujeres que las culpan y subordinan. En cuanto al camino del SDO, también está directamente relacionado con expresiones de sexismo benevolente y hostil, aunque con mayor predominio con el segundo, apelando al sexo como elemento estructural sobre el que se establece este componente ideológico.

Palabras clave: Sexismo ambivalente, Autoritarismo de derecha, Orientación de dominancia social, Creencias sobre la violencia sexual, Cadetes, Universitarios.

INTRODUCTION

The National Program Against Family and Sexual Violence states that sexual violence is a public health problem that violates human rights (Bardales, 2004). It consists of actions of a sexual nature committed against a person without his or her consent or under coercion and includes acts that do not necessarily involve physical contact. Sexual violence also violates the right to decide voluntarily about one's own sexual life (Mendoza, 2017). It occurs regardless of the type of relationship existing between victim and aggressor (Jewkes et al., 2002), and tends to occur in everyday situations, as is the case of sexual harassment, so it is often invisibilized (Janos & Espinosa, 2015). It also triggers serious consequences for the psychological and physical functioning of affected people (Choudhary et al., 2012; Jordan et al., 2010).

Considering the above, the present research will focus on the analysis of beliefs about sexual violence, investigating their relationship with ideological indicators such as Right Wing Authoritarianism (RWA) and Social Dominance Orientation (SDO), and indicators of prejudice such as Ambivalent Sexism.

Ideology and Violence

Galtung (2016) states that it is difficult to speak of a violent culture, since most of its elements would need to give way to violent behaviors and beliefs. However, a first level of analysis for the understanding of sexual violence accounts for a cultural component that comprises specific types of violence, expressed in prejudiced attitudes, legitimized through conservative ideological frameworks. In this regard, the RWA helps to understand the perception towards authority figures and the search for the preservation of social order (Altemeyer, 1996; Funke, 2005), and the SDO refers to the predisposition of individuals towards the maintenance of hierarchical and non-egalitarian intergroup relations (Henríquez et al., 2020; Pratto et al., 1994). Both, despite their distinct motivations, represent ideological dimensions that prescribe how society should be structured and act as good predictors of prejudice and social attitudes that justify violence (Duckitt & Fisher, 2003).

Ideology, Gender Roles, Sexism and Sexual Violence

Gender roles are traditionally defined as beliefs that society assigns to women and men regarding the performance of both in differentiated tasks (Páez et al., 2004; Zubieta et al., 2011); while gender stereotypes are rigid categories, about physical and behavioral characteristics, differentially attributed to women and men (Páez et al., 2004). Thus, in traditional societies, women are attributed a strictly and consistently "feminine" role, while men are attributed a strictly "masculine" role, questioning the possibility that women can assume behavioral patterns that are characteristically masculine, or vice versa (Restrepo & Aponte, 2009).

From these gender roles follow: (1) the descriptive component, referring to what a member of society does, in other words, the stereotype; and (2) the prescriptive component, referring to what society determines for each member to do and which, in turn, reinforces the stereotype (Zubieta et al., 2011). Both components, established as social norms, limit the behavior of men and women and the possibility of varying their behaviors; therefore, those who transgress the prescriptions established by the social power structure are sanctioned (Zubieta et al., 2011; Gaunt, 2013). In this sense, elements such as language, clothing, work, family relationships, among others, provide the parameters to delineate behavior in accordance with the assigned gender (González, 2008).

Consistent with the above, some stereotyped roles about masculinity and femininity converge in sexism, defined as a set of traditional beliefs about the characteristics and behaviors considered appropriate for women and men, which have a pernicious influence on women by perpetuating their subordination to men (Glick & Fiske, 1996, 2001; Glick et al., 2000). Consequently, sexism is expressed in both subtle and hostile forms of exclusion. Under this view, sexism is no longer understood as a uniform antipathy towards a certain sex, but is interpreted in a deeply ambiguous form that is expressed by the coexistence between feelings of sympathy and hostility (Cárdenas et al., 2010).

The concept of ambivalent sexism is then introduced, which would be made up of two components: Benevolent Sexism [BS] and Hostile Sexism [HS] (Arbach et al., 2019). The BS gives women the status of a fragile person in need of protection by men (Cárdenas et al., 2010), while the HS refers to attitudes with violent connotations towards women, based on the supposed female inferiority and sexual power exercised by women over men, associating them with threat and manipulation (García-Leiva et al., 2007). Both types of sexism are intended to legitimize and reinforce the subordinate position of women, in other words, gender inequality (Zubieta et al., 2011).

Previous studies have revealed a linear association between sexism, favorable attitudes towards verbal and psychological violence (García-Leiva et al., 2007), patriarchal beliefs, and symbolic violence (Pecho, 2017). It is important to emphasize that BS is also associated with the acceptance of myths about sexual violence (Janos & Espinosa, 2018) and the attribution of blame to the victim when facing this type of violence (Abrams et al., 2003). Meanwhile, the HS reinforces beliefs and favorable attitudes towards violence against women constituting one of the sociocultural risk factors leading to the existence of this violence (Heise & García-Moreno, 2003).

Both expressions of sexism are associated with ideological measures of RWA and SDO in Peruvian samples. Specifically, it is often observed that the magnitude of the RWA effect tends to be higher in the BS, considering that the RWA reinforces the preservation of a traditional social order; while the magnitude of the SDO effect tends to be higher in the HS, considering that it emphasizes the dominance, even by force, of some groups over others (Janos & Espinosa, 2018; Rottenbacher et al., 2011).

Institutions and Sexual Violence in Peru

Peruvian society is characterized by being mostly chauvinistic and patriarchal (Fernández & Duarte, 2006); stereotyping women as vulnerable, passive and dependent on men; thus, women whose characteristics escape from the stereotypical representations will be portrayed as transgressors of their traditional role, a fact that will turn them into inciters of violence and responsible for any negative consequence against them (Janos & Espinosa, 2015; 2019). In that line, at the political, legal and social level, this patriarchal position hinders the recognition and criminalization of acts of sexual violence (Janos & Espinosa, 2019; Velázquez, 2003).

This is evidenced in the study of Espinoza (2000), where it was found that 90.9% of women identified rape as the only sexual violence expression, while a minority of respondents related sexual violence to other forms of aggression such as obscene gestures or attempted rape. Likewise, more recent studies show that, of the 78% of denunciations received by telephone referring to some type of violence against women, only 8.7% were considered as sexual violence, maintaining almost the same percentage distribution in terms of the statistics of cases reported in police stations and women's emergency centers (Unidad de Generación de Información y Gestión del Conocimiento [UGIGC], 2019).

Public institutions can incite and perpetuate dynamics of inequality in society, consequently, it is important to examine the representations of inclusion at the institutional level (Sperber, 1990). Likewise, the determination of the degree of violence is often evidenced in an institutional and collective level (Cohen & Nisbett, 1997), so sexual violence can also occur in institutions that should be considered "safe" (Ariza, 2013; Organización Mundial de la Salud [OMS], 2013). In this sense, this research considers as a priority to analyze how sexual violence is represented in formative contexts of police cadets and university students.

Specifically, Borja (2019) identifies that in police trainee there is a representation that reinforces, on sexist grounds, the responsibility of women when they are victims of sexual violence. Consistent with these findings, the police have become the propitious scenario to vulnerate some rights, especially when dealing with women rights (Defensoría del Pueblo, 2019). A finding of concern made by the Defensoría del Pueblo (2019) is that some acts of violence and discrimination are accepted and normalized in these institutions, which combined with the deficient preparation and functional specialization process in the training of police officers (Ramos, 2017) could explain the insufficient capacity of these institutions to effectively address issues of family and sexual violence (Defensoría del Pueblo, 2017).

In contrast to police training, the Ley N° 30220 of 2014 states that the university implies an academic community oriented towards research and teaching, whose formation should allow for a clear awareness of the social reality of the country and encourage the rejection of all forms of violence. Sexual violence, however, is often invisibilized and complicates the recognition of patterns of violent behavior of a sexual nature among members of university communities (Janos & Espinosa, 2015; Póo & Vizcarra 2008; Vizcarra & Póo, 2011).

Considering the information above, the following research question arises: What is the relationship between ideology, sexism and beliefs about sexual violence among police trainees and university students? In that sense, the general objective is to establish a comparative view of the relationships between ideology, ambivalent sexism and beliefs about sexual violence among police trainees and university students. In addition, the first specific objective is to compare the aforementioned variables between the groups of police trainees and university students. As a second specific objective, it is proposed to develop an instrument that assesses beliefs about sexual violence against women.

With regard to the study hypotheses, the following is proposed: H1: There are significant differences on ideology (RWA and SDO), ambivalent sexism (BS and HS), and sexual violence beliefs among university students and police trainees. Lower levels of conservative ideology, sexism and a broader representation of beliefs about sexual violence are expected among university students because, despite deficiencies in the educational system, they are exposed to more critical information about violence. H2: There is a positive

relationship between ideology (RWA and SDO), ambivalent sexism (BS and HS) and sexual violence beliefs in the general sample of the present study (college students and police trainees).

METHOD

Participants

The sample consisted of a total of 277 participants, 196 university students (women = 55.6% and men = 44.4%) and 81 police trainees from an officer school of the Peruvian National Police (men = 100%). The age of the participants was between 18 and 25 years ($M=21.5$, $SD=.49$).

Instruments

Sociodemographic Data Sheet

The demographic characteristics of the participants were collected through direct questions, including variables such as age, sex (male, female), educational institution (Officers' School, University), type of educational institution (Public, Private), study year, self-perceived socioeconomic level (Low, Medium, Medium-low, Medium-high, High) and residence (Lima, Chiclayo, Tarapoto, Other).

Social Dominance Orientation Scale [SDO]

SDO (Sidanius & Pratto, 1994) is a scale comprising 16 statements referring to hierarchical and asymmetrical relationships between groups belonging to the same society. The response option is a Likert scale from 1 to 5 (1=Strongly disagree and 5=Strongly agree). The version used was the one translated into Spanish by Montes-Berges and Silván-Ferrer (2003). The present investigation reported a high level of reliability ($\alpha = .83$).

Short Right Wing Authoritarianism Scale [RWA]

RWA (Zakrisson, 2005) was evaluated through a version translated into Spanish in Peru by Rottenbacher (2010), this scale is composed of 15 items whose response option is a 5-point Likert scale in which: 1 = "Strongly disagree" and 5 = "Strongly agree". The level of reliability was acceptable for the case of the present study ($\alpha = .59$).

Ambivalent Sexism Inventory

This scale (Glick & Fiske, 1997) was validated in Mexico by Cruz et al. (2007): This scale consists of 24 items whose response option is a 5-point Likert scale in which: 1 = "Strongly disagree" and 5 = "Strongly agree". The reliability reported in the study was SH ($\alpha = .92$) and SB ($\alpha = .87$).

Inventory of Beliefs About Sexual Violence

Developed for this research, using as a reference the Myths about sexual violence scale (Janos & Espinosa, 2015). The inventory was taken with 37 items of which 20 items remained in the final version, after an exploratory factor analysis conducted for this study, likert response format from 1 to 5 where 1 is "Strongly disagree" and 5 is "Strongly agree". In the present study, the scale reports acceptable levels of internal consistency in the dimensions identified in its structure analysis (see results).

Procedure

Regarding ethical considerations, an informed consent form was prepared clarifying the free and voluntary participation, the strict confidentiality of the information including the researchers' data, the objectives of the research, and informing the participants about support contacts in case the instrument mobilized feelings and emotions that required professional assistance through a referral booklet.

In addition, the instruments for measuring the constructs were reviewed, the scale of beliefs about sexual violence was constructed and coordination was made with the pertinent authorities to gain access to the institutions chosen as part of the sample. It is pertinent to mention that the tests used were applied through online formats in the case of university students and printed in the case of the cadet sample.

Data analysis

IBM SPSS 25 Statistics and R-studio software were used for the analysis and interpretation of data from the present research. During the first phase of the analysis, evidence of validity and reliability of the constructed instrument was collected. For the collection of evidence of internal structure validity, an exploratory factor analysis was performed to identify and analyze the respective dimensions of the construct. Thus, the items that did not contribute to the best expression of the construct were identified. Mardia's coefficient was used for multivariate normality.

The extraction method used was generalized least squares (GLS), the number of rotations was set to 250 and the statistical criteria for the relevance of the EFA were the Kaiser-Meyer-Olkin (KMO) measures, greater than 0.70 and Barlett's test of sphericity ($p < 0.05$). Along these lines, the criteria for determining the number of factors are 3: Kaiser, Horn, MAPS.

Based on the results obtained from the EFA, we proceeded to eliminate those items that were not relevant to the scale. The criteria for eliminating items were having a negative factor load and/or close to zero. Regarding the reliability of the test for each factor, it was verified that the Cronbach's alpha obtained was greater than 0.5 (Kaiser, 1974) to be considered acceptable. Similarly, internal consistency was checked through corrected item-test correlation values greater than 0.3. Then, descriptive analyses of the constructs studied were performed and statistical contrasts were made between the groups of participants using the Student's t-statistic. Subsequently, the analysis of correlations between the variables per group was carried out using Pearson's correlation coefficient. Finally, a path analysis was performed to analyze the nature and magnitude of the relationships between the variables studied using an integrated model.

RESULTS

Sexual Violence Belief Scale Data Report

To determine the dimensions of the sexual violence belief scale, an exploratory factor analysis (EFA) over 37 items was performed. Mardia's test for multivariate normality analysis ("Mardia's test for multivariate normality") was performed and, in the absence of normality, proceeded with the generalized least squares extraction method and varimax rotation.

The first AFE obtained a good factorial adjustment ($KMO = .945$) and an adequate value for the Kaiser-Meyer-Olkin measure, greater than .60 (Kaiser, 1974), with a significance of $p < .05$ in Bartlett's test of sphericity. A first six-component model was obtained, explaining 62.16% of the total variance, with factor loadings from .462 to .798.

Then, 6 items with high factor loadings in more than one factor were eliminated (crossloading). In a subsequent processing, 11 items were eliminated whose factorial grouping did not correspond to a component consistent with the theoretical proposal and the objective of the instrument. Finally, a new three-component model was obtained ($KMO = .933$, $p < .05$ in Bartlett's test of sphericity) explaining 60.47% of the total variance with factor loadings between .813 and .584 and correct fit (see Table 1). These three components were labeled: (1) Subordination of women, which encompasses beliefs associated with women's willingness and availability to satisfy men's desires, (2) Exaggeration of women, a characteristic attributed when faced with any manifestation of denunciation or accusation of violation of their sexual rights, devaluing and discrediting such accusation, and (3) Attribution of blame to women, a belief group that holds women responsible for the sexual violence experienced by them by appealing to different causes such as behavior, dress or attitude. All dimensions obtained adequate reliability indicators.

Table 1.*Exploratory factor analysis and reliability*

	1	2	3	<i>h</i>	<i>Item - Test Correlation</i>
34. A woman should always be willing to have sex with her partner, even if she has no sexual desire.	.799			.777	.750
15. Even if a woman no longer wants to, she should continue the sexual act if her partner asks her to do so.	.735			.743	.779
16. It's okay if a man shares intimate photos that a woman took for him, ultimately it's his fault for sharing them.	.719			.673	.747
30. A woman who has had many sexual partners has no credibility to report rape.	.689			.706	.733
22. If a man gets drunk enough then he is not at fault for sexually assaulting another woman, it was the effects of alcohol.	.673			.677	.733
17. When women say "no" they really mean "yes".	.591			.584	.646
21. If no physical harm is observed then a woman will not count as a complaint to the authorities.	.584			.569	.637
9. Women who drink alcohol in public places are exposed to sexual assault.		.813		.764	.770
11. A "flirtatious" woman exposes herself to sexual assault.		.783		.784	.780
8. Women traveling alone are exposed to sexual assault.		.682		.645	.720
1. Women who go out on the street wearing tight-fitting clothing are at risk of rape.		.662		.579	.676
12. If a woman goes out alone on the street, she is exposed to sexual assault by a man.		.549		.532	.589
24. Women who say they have been sexually harassed at work often exaggerate.			.712	.736	.759
18. Women make false reports of sexual assault because they seek financial rewards.			.641	.678	.675
20. Women's claims of rape may be false because they seek to manipulate their partners.			.628	.629	.664
26. Women often exaggerate about what is			.594	.727	.642

Note: Extraction method: Generalized least squares, Rotation method: Varimax with Kaiser normalization, KMO= .933 F1: Subordination (24.70% variance explained) F2: Blame (19.49% variance explained) F3: Exaggeration (16.28% variance explained). h2=Commonality.

Descriptive and Contrasts of Means (Student's t-test) Between University Students and Cadets

In response to the main objective and the first hypothesis, statistical tests to determine if there were significant differences between students from an officer school and a university were conducted. Thus, in relation to ideology, police trainees showed statistically significant higher scores on RWA, while university students scored higher on SDO, although this difference was only reported at the descriptive level.

On the Violence Against Women Inventory statistically significant differences are found only on the Subordination of Women dimension, university students showed significantly higher scores compared to police trainees. Likewise, at the descriptive level, police trainees score higher on the Blame and Exaggeration dimensions (See Table 2).

Table 2.

Mean contrast between officer schools and university students

	Officers School (n=79)		University students (n=196)		<i>t</i>	<i>gl</i>	<i>p</i>	<i>d</i>
	M	SD	M	SD				
1. RWA	3.48	0.34	3.05	0.44	8.47	167.29	0.00	0.67
2. SDO	2.13	0.49	2.21	0.66	-1.16	186.39	0.25	-0.11
3. Benevolent Sexism	3.03	0.67	2.88	0.87	1.52	176.94	0.13	0.17
4. Hostile Sexism	2.32	0.80	2.33	0.94	-0.05	271.00	0.96	-0.01
5. Subordination	1.44	0.69	1.76	0.75	-3.29	271.00	0.00	-0.38
6. Blame	2.31	1.12	2.17	0.99	0.93	129.69	0.35	0.13
7. Exaggerationn	2.26	0.96	2.09	0.84	1.35	126.69	0.18	0.18

Pearson's Correlations Between Study Variables

In reference to the specific objective, the significant correlations between the variables SDO, RWA, SB, SH and Beliefs about sexual violence in the general sample are detailed.

Specifically, the level of right wing authoritarianism correlates positively with the indicators of BS ($r = .37$; $p < .05$) and HS ($r = .19$; $p < .05$). Also, a positive relationship is seen with two of the sexual violence belief factors: Attribution of blame to the woman ($r = .22$; $p < .05$) and Exaggeration of the woman ($r = .21$; $p < .05$). Regarding the level of social dominance, this variable correlates positively with BS ($r = .32$; $p < .05$) and HS ($r = .54$; $p < .05$). In addition, a positive relationship is seen with the three factors of beliefs about sexual violence.

With respect to the level of BS, this correlates positively with HS ($r = .69$; $p < .05$). Also, a positive relationship is seen with the factors of beliefs about sexual violence: Subordination of the woman ($r = .41$; $p < .05$), Attribution of blame to the woman ($r = .47$; $p < .05$) and Exaggeration of the woman ($r = .45$; $p < .05$). In the same line, the level of HS, correlates positively with the factors of beliefs about sexual violence: Subordination of the woman ($r = .63$; $p < .05$), Attribution of blame to the woman ($r = .56$; $p < .05$) and Exaggeration of the woman ($r = .59$; $p < .05$). On the other hand, Subordination of women correlates positively with Attribution of blame to women ($r = .59$; $p < .05$) and Exaggeration of women ($r = .71$; $p < .05$), while Attribution of blame to women correlates positively with Exaggeration of women ($r = .65$; $p < .05$).

Table 3

Pearson correlations by educational institution

	1	2	3	4	5	6	7
1. RWA	-	-.38**	-.13	-.16	-.26*	-.05	-.12
2. SDO	0.13	-	.56**	.68**	.50**	.23*	.48**
3. Benevolent Sexism	.46**	.28**	-	.58**	.41**	.37**	.38**
4. Hostile Sexism	.30**	.51**	.72**	-	.47**	.38**	.40**
5. Subordination	.20**	.42**	.44**	.69**	-	.36**	.58**
6. Blame	.31**	.31**	.51**	.63**	.72**	-	.60**
7. Exaggerationn	.29**	.35**	.48**	.68**	.81**	.67**	-

Note: Upper correlations are from officer school and lower correlations are from undergraduates. **. Correlation is significant at the .01 level (bilateral). *. Correlation is significant at the .05 level (bilateral).

At the group level, in police cadets there are significant and inverse correlations between the variables RWA with SDO and RWA with Subordination of women. On the other hand, significant and direct correlations were found between SDO with the factors of the Sexism and Beliefs dimensions, BS with HS and the Beliefs factors. Likewise, HS presented a significant and direct correlation with the three Beliefs dimensions, and likewise, Subordination of women with Attribution of blame to women and Exaggeration of women, and Attribution of blame to women with Exaggeration of women.

As for the university students, the RWA variable presented a significant and direct correlation with the factors of the Sexism dimension and with those of the Beliefs dimension. The same results were found for the SDO variables, the Sexism and Beliefs factors.

Path Analysis of the Relationships Between Ideology, Ambivalent Sexism and Beliefs About Sexual Violence

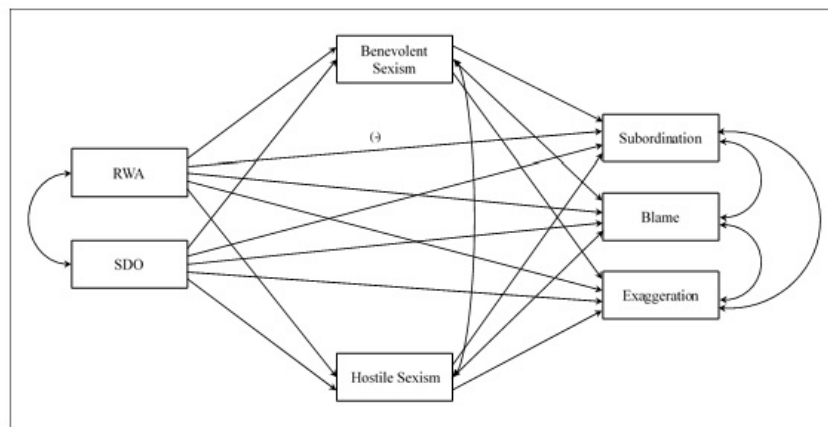
In order to comprehensively analyze the nature and magnitude of the relationships between the variables studied, a path analysis was performed. A hypothetical model of the relationships between variables was proposed through a path analysis that presents three levels (see Figure I). At the first level, the RWA and SDO ideology variables are considered as exogenous, structural and stable with direct influence on the other variables, placing sexism, Benevolent and Hostile at a second endogenous level. Beliefs about sexual violence

are considered at a third level, as an output cognitive element that would be affected by both ideology and sexism.

The criteria for evaluating the goodness of fit of the proposed models to the data used were the following indices: the quotient resulting from the division of the Chi-square statistic (c^2) and the degrees of freedom of the model (c^2/gl), the Bentler-Bonett Comparative Index (CFI), the Normalized Bentler-Bonett Index (NFI), the Steiger-Lind root mean square error of approximation (RMSEA) and the Standardized Root Mean Square Residual (SRMR). According to the criteria of Ruiz, Pardo and San Martín (2010) the fit values considered acceptable were the following: $c^2/gl \leq 3$, $CFI \geq 0.95$, $NFI \geq 0.90$ and $RMSEA \leq 0.08$. In addition, the SRMR criterion is 0.08.

Figure 1.

Hypothetical model

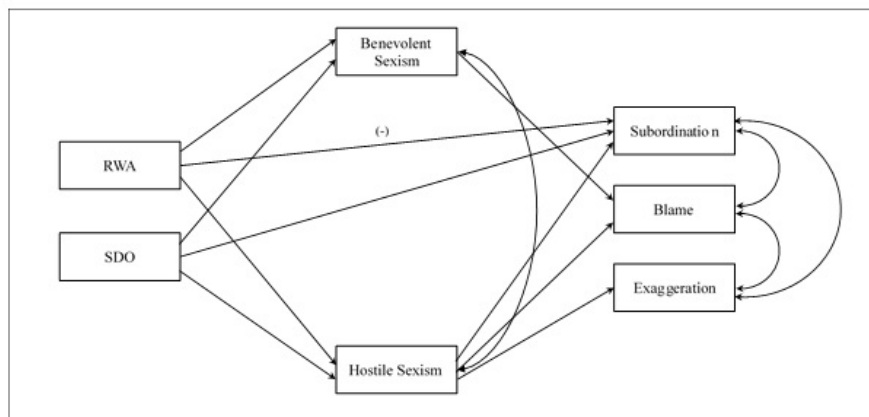


The goodness-of-fit indicators for hypothetical model 1 are generally good: $\chi^2/gl = .192$ CFI= 1, NFI=1, RMSEA= .0001 and SRMR=.00. In particular, both RWA and SDO have been found to retain a direct and highly significant relationship with the variables BS and HS, albeit with medium-low effects. In turn, these variables are directly related to Subordination of women, Attribution of blame to women and Exaggeration of women, but only HS was significant with a medium effect size.

Likewise, RWA has presented a significant and inverse influence on Women's Subordination ($\beta=-0.107$, $p<0.05$), as well as a significant and direct relationship between SDO and Women's Subordination ($\beta=.125$, $p<0.05$), both variables have a medium-low effect magnitude on Women's Subordination. On the other hand, neither RWA nor SDO were significant as exogenous variables influencing Women's Blame Attribution and Women's Exaggeration, the same occurred with BS, a variable that did not present significant influence on Women's Subordination and Women's Exaggeration.

Based on the results described above, an alternative model with three analytical levels is proposed (see Figure 2). The first level comprises the ideology variables, at a second level the sexism variables and at the third level the sexual violence belief variables. The particularity of the alternative model is that only the significant regression lines are kept in the analysis, thus achieving a more parsimonious model of relationships.

Figure 2.
Alternative model



The goodness-of-fit indicators of the alternative model are an improvement over the indicators of the hypothetical model 1 (in most cases): $\chi^2/df = 1.532$, CFI= .995, NFI=.986, RMSEA= .044, SRMR=.03. Also, further analysis of this model suggests that the proposed statistical relationships in all cases are significant and highly significant, which would allow a more accurate assessment of the effects of RWA, SDO, HS and BS on Women's Subordination, Women's Blame Attribution and Women's Exaggeration. Thus, RWA and SDO retain a direct and medium-low effect relationship on HS and BS. In turn, HS continues to influence with a medium to medium-high magnitude on Subordination of the woman ($\beta=.606$, $p<.01$), Attribution of blame to the woman ($\beta=.476$, $p<.01$) and Exaggeration of the woman ($\beta=.597$, $p<.01$); while BS only influence Attribution of blame to the woman ($\beta=.122$, $p<.05$). On the other hand, SDO still directly influences Women's Subordination ($\beta=.088$, $p<.05$) and RWA still retains an inverse relationship with Women's Subordination ($\beta=-.169$, $p<.01$).

DISCUSSION

The results show that beliefs about sexual violence in the present study sample are linked to sexism and these, in turn, to ideology; however, the routes on which these beliefs are configured vary between police trainees and university students. On the one hand, in police trainees, higher levels of RWA are observed, an ideological indicator that, in this sample, paradoxically tends to be inversely related to sexism and to beliefs about sexual violence against women that blame and subordinate them. In the case of university students, RWA role more strongly in the relationship with ambivalent sexism and beliefs about sexual violence, and, according to theory, in an expected sense. That is, RWA increases with sexism and agreement about sexual violence beliefs. This is a rejection of the first hypothesis of the study, where police trainees were expected to be more prejudiced and have higher agreement with the dimensions of the sexual violence belief scale because of the conservative nature of the institution to which they belong.

In contrast to the ambivalent role of the RWA in predicting sexism and sexual violence beliefs in both groups studied, the SDO plays an important and consistent role in predicting prejudice and adherence to sexual violence beliefs in both police trainees and university students. In fact, this leads to the assumption that the expression of prejudice and adherence to beliefs about sexual violence could be explained in police cadets as a dominant ideological syndrome counterposed to authoritarianism; whereas, in the case of university

students, expressions of prejudice and adherence to beliefs about violence could be linked to a dominant ideological syndrome complementary to authoritarianism.

The effect authoritarianism has on the benevolent and hostile expressions of sexism, although with a greater magnitude in the former. In turn, benevolent sexism affects the beliefs that attribute guilt to women victims of sexual violence when they break with the prescriptions about their feminine role (Janos and Espinosa, 2019). However, RWA presents an inverse relationship with beliefs about women's subordination as a criterion that naturalizes patriarchal dominance relations towards women. This could be due to the fact that, from authoritarianism, paternalistic narratives about women's care acquire a benevolent nuance and complementarity of gender roles that, implicitly, implies women's subordination, although it does not imply a narrative of explicit subordination in hierarchical and hostile terms, which will be a characteristic of the route of social dominance (Janos & Espinosa, 2018, 2019).

Specifically, it could be analyzed, in the theoretical foundation of the RWA, why the prevalence of this dimension is higher in police trainees and this is explained by the authoritarian and hierarchical organizational nature of the police institution where, in addition, police trainees are at the lowest rank of the institutional hierarchy. In this context, orders must often be carried out without question, which is consistent with the construct's notions of conventionalism and authoritarian submission (Altemeyer, 1996). This would be related to the attitudinal components of the variable, since it is identified that submission and acceptance of social norms could be distorted towards control of the behaviors of those perceived as more vulnerable for their own safety, in this case, women (Duckitt, et al., 2002).

As for the route of social dominance, it is also directly related to both expressions of benevolent and hostile sexism, although with a greater predominance of the latter. In turn, hostile sexism has an impact on the three beliefs about sexual violence, which could be explained by the nature of this ideology, based on the maintenance of hierarchical and non-egalitarian intergroup relations (Pratto et al., 1994; Rottenbacher et al., 2011). In this regard, Sidanius & Pratto (1994) mention that one of the elements on which inequities and power relations are structured is sex, favoring men with greater social power.

The fact that hostile expressions of sexism are related with greater intensity to women's beliefs of subordination, guilt and exaggeration in the face of sexual violence reinforces the route of analysis of this type of sexism as an expression of social dominance, which appears with greater intensity in university students, who, in turn, score higher on the subordination dimension than police trainees. This supports the argument that the prediction of hostile sexism and beliefs about sexual violence, based on dominance, are psychosocial phenomena anchored in the asymmetry of power between men and women, and show that university spaces are not necessarily safe spaces in the face of sexual violence, as long as the gender approach is not consolidated (Heise & García-Moreno, 2003).

The magnitude of the effects of hostile sexism on violence beliefs reflects that both authoritarianism and social dominance reinforce sexist biases at the prescriptive and descriptive levels. According to Erikson and Tedin (2003), these beliefs and appraisals about reality, which are supported by political ideology, develop a subjective interpretation in individuals about how it should be and how goals can be achieved in the world.

Through the model developed, it can be understood that the search for social control and the maintenance of traditional social norms allow the reinforcement of sexist ideas and the prevalence of the male figure over the female figure, which, in turn, shapes the beliefs in the social imaginary about violence against women. Thus, the woman is a figure of submission (Subordination of women) to the authority subscribed by the male image. In addition, it is believed that women are to blame for what happens to them, being the belief of Attribution of blame to women the only one explained by benevolent sexism, although with less impact than hostile sexism (Janos & Espinosa, 2019).

Finally, Exaggeration of women's beliefs, explained mainly by ideological elements through hostile sexism, indicates the cultural and ideological rootedness of the lesser recognition of acts of violence against women. In this sense, Espinoza (2000) points out that, upon reporting an act of sexual violence, the response of

police authorities reflects the rejection, minimization and even suspicion of what is reported by women; authorities even go so far as to attribute certain exaggeration regarding the arguments presented by women (Defensoría del Pueblo, 2017; Janos & Espinosa, 2019; Velázquez, 2003), consolidating the ideological and sexist parameters that remain in the representations of individuals in the face of acts of violence. The prevalence of exaggeration and victim blaming poses a social risk of double victimization of women affected by violence that inhibits the willingness to report, affecting the right to justice of the aggrieved (Ariza, 2013; Espinoza, 2000; Janos & Espinosa, 2019; Velázquez, 2003).

REFERENCES

- Abrams, D., Viki, G., Masser, B., & Bohner, G. (2003). Perceptions of stranger and acquaintance rape: The role of benevolent and hostile sexism in victim blame and rape proclivity. *Journal of Personality and Social Psychology*, 84, 111-125. <https://doi.org/10.1037/0022-3514.84.1.111>
- Altemeyer, B. (1996). *The Authoritarian Specter*. Harvard College.
- Arbach, K., Vaiman M., Bobbio, A., Bruera, J., & Lumello A. (2019). Inventario de Sexismo Ambivalente: Invarianza factorial entre géneros y relación con la violencia de pareja. *Interdisciplinaria*, 36(1), 59-76. <https://doi.org/10.16888/I.V36I1.581>
- Ariza, G. (2013). Las representaciones sociales de la violencia en las relaciones de pareja en Medellín en el siglo XXI. *Revista CES Psicología*, 6(1), 134-158. <https://revistas.ces.edu.co/index.php/psicologia/article/view/2577/1825>
- Bardales, O. (2004). Violencia familiar y sexual: una aproximación desde las mujeres víctimas. Lima: Ministerio de la Mujer y Desarrollo Social [MIMDES]. https://www.mimp.gob.pe/files/programas_nacionales/pncvfs/vfs_exp_mjeres_victmas.pdf
- Borja, J. (2019). Cultura del honor, inteligencia emocional y satisfacción de pareja en estudiantes de una escuela de oficiales de Lima Metropolitana [Bachelor's Thesis, Pontificia Universidad Católica del Perú]. Repositorio de la Pontificia Universidad Católica del Perú. <http://hdl.handle.net/20.500.12404/14243>
- Cárdenas, M., Lay, S., González, C., Calderón, C., & Alegría, I. (2010). Inventario de sexismo ambivalente: adaptación, validación y relación con variables psicosociales. *Revista salud y sociedad*, 1(2), 125 – 135. <https://doi.org/10.22199/S07187475.2010.0002.00006>
- Choudhary, E., Smith, M., & Bossarte, R. (2012). Depression, anxiety, and symptom profiles among female and male victims of sexual violence. *American Journal of Men's Health*, 6(1), 28-36. <https://doi.org/10.1177/1557988311414045>
- Cohen, D. & Nisbett, R. (1997). Field experiments examining the culture of honor: The role of institutions in perpetuating norms about violence. *Personality and Social Psychology Bulletin*, 23(11), 1188-1199. <https://doi.org/10.1177/01461672972311006>
- Cruz, C., Zempoaltecatl, V., & Rangel, D. (2007). Validación del cuestionario de medición del sexismo ambivalente. Póster presentado en el XXXI Congreso de la Sociedad Interamericana de Psicología, Ciudad de México
- Defensoría del Pueblo (2017). La ley N° 30364, la administración de justicia y la visión de las víctimas. Lima: Serie Informe de Adjuntía-Informe N° 063-2017-DP/ADM. <https://peru.unfpa.org/sites/default/files/pub-pdf/Informe-de-Adjuntia-N-063-2017-DP-ADM.pdf>
- Defensoría del Pueblo (2019). Condiciones de las mujeres en los centros de formación policial y militar. Lima: Serie informes especiales N° 01-2019-DP-DMNPT. <https://www.defensoria.gob.pe/wp-content/uploads/2019/06/Serie-de-informes-especiales-CONDICIONES-DE-LAS-MUJERES-EN-LOS-CENTROS-DE-FORMACION-POLICIAL-Y-MILITAR-DMNPT.pdf>
- Duckitt, J. & Fisher, K. (2003). The impact of social threat on worldview and ideological attitudes. *Political Psychology*, 24(1), 199-222. <https://doi.org/10.1111/0162-895X.00322>

- Duckitt, J., Wagner, C., Du Plessis, I., & Birum, I. (2002). The psychological bases of ideology and prejudice: Testing a dual process model. *Personality and Social Psychology*, 83, 75-93. <https://doi.org/10.1037/0022-3514.83.1.75>
- Erikson, R. & Tendin, K. (2003). *American Public Opinion* (6th Edition). New York: Longman.
- Espinoza, M. (2000). Violencia en la familia en Lima y el Callao: Informe de resultados de la I Encuesta de hogares sobre vida familiar en Lima y el Callao (56 - 67). Ediciones del Congreso del Perú.
- Fernández, R. & Duarte, A. (2006). Preceptos de la ideología patriarcal asignados al género femenino y masculino general básica en el año 2005. *Revista Educación*, 30(2), 145-162. <https://www.redalyc.org/articulo.oa?id=44030210>
- Funke, F. (2005). The dimensionality of right-wing authoritarianism: Lesson from the dilemma between theory and measurement. *Political Psychology*, 26, 195–218. <https://doi.org/10.1111/j.1467-9221.2005.00415.x>
- Galtung, J. (2016). La violencia cultural, estructural y directa. Cuadernos de estrategia, 183, 147-168. <https://dialnet.unirioja.es/servlet/articulo?codigo=5832797>
<http://psicologiajuridica.org/psj210.html>
- Gaunt, R. (2013). Ambivalent sexism and perceptions of men and women who violate gendered family roles. *Community, Work & Family*, 16(4), 401-416. <https://doi.org/10.1080/13668803.2013.779231>
- Glick, P. & Fiske, S. (1996). The ambivalent sexism inventory: Differentiating hostile and benevolent sexism. *Personality and Social Psychology*, 70, 491– 512. <https://doi.org/10.1037/0022-3514.70.3.491>
- Glick, P. & Fiske, S. (1997). Hostile and benevolent sexism: measuring ambivalent sexist attitudes toward women. *Psychology of Women Quarterly*, 21, 119-135. <https://doi.org/10.1111/j.1471-6402.1997.tb00104.x>
- Glick, P., Fiske, S. T., Mladinic, A., Saiz, J. L., Abrams, D., & Masser, et al. (2000). Beyond prejudice as simple antipathy: hostile and benevolent sexism Across cultures. *Journal of Personality and Social Psychology*, 79, 763 - 775. <https://doi.org/10.1037/0022-3514.79.5.763>
- Glick, P. & Fiske, S. (2001). An ambivalent alliance: Hostile and benevolent sexism as complementary justifications for gender inequality. *American Psychologist*, 56(2), 109–118. <https://doi.org/10.1037/0003-066X.56.2.109>
- González, F. (2008). Estereotipos de género y actitudes sexistas de la población escolar extremeña. *Revista Castellano-Machenga de Ciencias sociales*, 9, 37-61. <https://doi.org/10.20932/barataria.v0i9.179>
- Heise, L.L. & García-Moreno, C. (2003). La violencia en la pareja. In E.G. Krug, L.L. Dahlberg, J.A. Mercy, A.B. Zwi & R. Lozano (Editors), Informe mundial sobre violencia y salud (pp. 97-131). Washington DC: Organización Panamericana de la Salud.
- Henríquez, D., Ferrer, R., & Romer, J. (2020). Análisis Psicométrico de la Escala Orientación hacia la Dominancia Social (SDO) Mediante un Modelo de Ecuaciones Estructurales Exploratorias (ESEM). *Revista Colombiana de Psicología*, 29(2), 41-55. <https://doi.org/10.15446/rcp.v29n2.78808>
- Janos, E. & Espinosa, A. (2015). Representaciones sociales sobre roles de género y su relación con la aceptación de mitos y creencias sobre la violencia sexual. Límite. *Revista Interdisciplinaria de Filosofía y Psicología*, 10(33), 3-13. <https://dialnet.unirioja.es/servlet/articulo?codigo=6612104>
- Janos, E. & Espinosa, A. (2018). Sexismo ambivalente y su relación con la aceptación de mitos sobre la violencia sexual en una muestra de Lima. *Revista de Investigación Psicológica*, 19, 61 - 74. http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S2223-30322018000100006&lng=es&tlng=es
- Janos, E. & Espinosa, A. (2019). “A una señorita no le pasan esas cosas...”: Sexismo y culpabilización de la víctima en comentarios en redes sociales ante una noticia de violencia sexual ocurrida en Lima. In W. Hernández (Editor). *Violencias contra las mujeres. La necesidad de un doble plural* (pp. 147-182). Lima: GRADE, CIES, PNUD.
- Jewkes, R., Sen, P., & Garcia-Moreno, C. (2002). Sexual Violence. In E. Krug, L.L. Dahlberg, J.A. Mercy, A.B. Zwi, & R. Lozano (Editors). *World Report on Violence and Health* (pp. 149-181). Geneva: World Health Organization.
- Jordan, C. E., Campbell, R., & Follingstad, D. (2010). Violence and Women’s Mental Health: The Impact of Physical, Sexual, and Psychological Aggression. *Annual review of clinical psychology*, 6, 607-628. <https://doi.org/10.1146/annurev-clinpsy-090209-151437>
- Kaiser, H. (1974). An index of factorial simplicity. *Psychometrika*, 39, 31-6. <https://doi.org/10.1007/BF02291575>

- Ley N° 30220 of 2014. Ley Universitaria. 9 de julio de 2014. Diario Oficial El Peruano.
- Montes-Berges, B. & Silván-Ferrero, M. (2003). ¿Puede explicar la teoría de la dominancia social la discriminación de género en España?, *Encuentros en Psicología Social*, 1(1), 176-179.
- Organización Mundial de la Salud (2013). Comprender y abordar la violencia contra las mujeres. Violencia sexual. Washington DC: Organización Panamericana de la Salud. https://oig.cepal.org/sites/default/files/20184_violenciasexual.pdf
- Páez, D., Fernández, I., Ubillos, S., & Zubieta, E. (2004). *Psicología social, cultura y educación*. Madrid: Pearson Prentice Hall.
- Pecho, P. (2017). Sexismo ambivalente, pensamientos patriarcales y violencia simbólica intra e inter género en Lima y Huancayo [Bachelor's Thesis, Pontificia Universidad Católica del Perú]. Repositorio de la Pontificia Universidad Católica del Perú. <http://hdl.handle.net/20.500.12404/9129>
- Póo, A. M. & Vizcarra, M. (2008). Violencia de pareja en jóvenes universitarios. *Terapia Psicológica*, 26(1), 81-88. <https://doi.org/10.4067/S0718-48082008000100007>
- Pratto, F., Sidanius, J., Stallworth, L., & Malle, B. (1994). Social dominance orientation: A personality variable predicting social and political attitudes. *Personality and Social Psychology*, 67(4), 741-763. <https://doi.org/10.1037/0022-3514.67.4.741>
- Ramos, C. (2017). Formación académica y capacitación fundamentales para el desempeño eficiente de los comisarios de la Policía Nacional del Perú en la gestión de las comisarías. El caso del Rímac en el año 2014 [Master's Thesis, Pontificia Universidad Católica del Perú]. Repositorio de la Pontificia Universidad Católica del Perú. <http://hdl.handle.net/20.500.12404/8110>
- Restrepo, J. & Aponte, A. C. (2009). *Guerra y violencias en Colombia: herramientas e interpretaciones* (1st ed.). Bogotá: Pontificia Universidad Javeriana.
- Rottenbacher, J., Espinosa, A., & Magallanes, J. (2011). Analizando el prejuicio: bases ideológicas del racismo, el sexismo y la homofobia en una muestra de habitantes de la ciudad de Lima - Perú. *Revista Psicología Política*, 11(22), 225-246. http://pepsic.bvsalud.org/scielo.php?script=sci_arttext&pid=S1519-549X2011000200004&lng=pt&tlng=
- Rottenbacher, J. (2010). Sexismo ambivalente, paternalismo masculino e ideología política en adultos jóvenes de la ciudad de Lima. *Pensamiento Psicológico*, 7(14), 9-18. <https://www.redalyc.org/articulo.oa?id=80113673001>
- Ruiz, M. I., Pardo, A., & San Martín, R. (2010). Modelos de ecuaciones estructurales. *Papeles del Psicólogo*, 31(1), 34-45.
- Sidanius, J., Pratto, F., & Rabinowitz, J. (1994). Gender, ethnic status, and ideological asymmetry: Social dominance interpretation. *Cross-Cultural Psychology*, 25(2), 194-216. <https://doi.org/10.1177/0022022194252003>
- Sperber, D. (1990). The epidemiology of beliefs. In C. Fraser & G. Gaskell (Editors), *The social psychological study of widespread beliefs*. Oxford: Clarendon.
- Unidad de Generación de Información y Gestión del Conocimiento (2019). Reporte estadístico de consultas telefónicas atendidas en Linea100. Lima: Ministerio de la Mujer y Poblaciones Vulnerables [MIMP]. https://www.mimp.gob.pe/files/programas_nacionales/pncvfs/estadistica/PersonasAfectadas_VFS_atendidas_CEM_tipo_violencia_edadsexo2019_2.xlsx
- Velázquez, S. (2003). Violencias cotidianas, violencia de género. *Escuchar, comprender, ayudar*. Buenos Aires: Paidós.
- Vizcarra, M. & Póo, A. (2011). Violencia de pareja en estudiantes universitarios del sur de Chile. *Universitas Psychologica*, 10(1), 89-98
- Mendoza (2017). El Hostigamiento Sexual como manifestación de la violencia de género en el ámbito educativo universitario. Lima: Ministerio de la Mujer y Poblaciones Vulnerables [MIMP]. <https://hdl.handle.net/20.500.12702/127>
- Zakrisson, I. (2005). Construction of a short version of the Right-Wing Authoritarianism (RWA) scale. *Personality and Individual Differences*, 39(5), 863-872. <https://doi.org/10.1016/j.paid.2005.02.026>
- Zubieta, E., Beramendi, M., & Sosa, F. (2011). Sexismo ambivalente, estereotipos y valores en el ámbito militar. *Revista de Psicología*, 19(1), 101-13.