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Resumen:

La religiosidad se define como el grado en que un individuo tiene creencias religiosas, visiones del mundo, y las pone en práctica en su vida diaria y sirven como factor de protección para la salud mental. La comunidad LGTBIQ+ está formada por lesbianas, gais, bisexuales, transexuales, intersexuales y queer, entre otras, pero en este estudio, nos centramos únicamente en las personas lesbianas/gais y bisexuales (LGB). La investigación ha encontrado hasta el momento resultados contradictorios sobre la religiosidad en la comunidad LGTBIQ+, debido a que este colectivo puede experimentar disonancia entre sus identidades. Así, el objetivo de este estudio es analizar si existe una relación entre el malestar emocional de las personas LGB y su religiosidad, centrándose en la importancia de la religiosidad. La muestra del estudio estuvo formada por 300 participantes, 150 hombres y 150 mujeres, con una proporción semejante de heterosexuales, homosexuales y bisexuales, algunos de ellos religiosos y otros no. La muestra fue extraída del International Sex Survey liderado desde la U. de Montreal en colaboración con el equipo Salusex de la UJI de Castelló, y se utilizó el Brief Symptom Inventory (BSI-18) para medir el malestar emocional. Los resultados de esta investigación han puesto de manifiesto que entre los participantes religiosos, el grupo de bisexuales obtuvo un mayor malestar emocional que los homosexuales y heterosexuales, siendo significativa la diferencia entre los grupos de heterosexuales y bisexuales. No se encontró relación entre la religiosidad y la media del BSI-18 usando toda la muestra, y tampoco se encontraron diferencias significativas entre los homosexuales religiosos y no, y los bisexuales religiosos y no. Podemos concluir diciendo que la religiosidad es un factor que afecta, en cierta medida, al malestar emocional de los individuos del colectivo LGTBIQ+, por ello se necesitan más investigaciones para conocer en más profundidad este efecto.

Palabras clave: LGB, malestar emocional, religiosidad, orientación sexual

Abstract:

Religiosity is defined as the degree to which an individual holds religious beliefs, worldviews, and enacts them in their daily life and serves as a protective factor to mental health. LGTBIQ+ community is composed by lesbian, gay, bisexual, transgender, intersex and queer people, among others, but in this study, we are focusing only on lesbian/ gay and bisexual (LGB) people. Research has so far found contradictory results on religiosity in the LGB community, due to the fact that this community may experience dissonance between their identities. So, the aim of this study is to analyze whether there is a relationship between the emotional distress of LGB people and religiosity, focusing on the importance of religiosity. The study sample consisted of 300 participants, 150 men and 150 women, with an equal proportion of heterosexuals, homosexuals and bisexuals, some of them religious and others non-religious. The sample was extracted from the International Sex Survey led by the U. of Montreal in collaboration with Salusex team of the UJI of Castelló, and the Brief Symptom Inventory (BSI-18) was used to measure emotional distress. The results of this research have shown that among religious participants, the bisexual group obtained higher emotional distress than homosexuals and heterosexuals, with a significant difference between the heterosexual and bisexual groups. No relation was found between religiosity and BSI-18 mean using the whole sample, and no significant differences were found between religious and non-religious homosexuals and religious and non-religious bisexuals. To conclude, it can be said that religiosity is a factor that affects, to a certain extent, the emotional distress of LGTBIQ+ individuals, so more research is needed to understand this effect in more detail.

Keywords: LGB, emotional distress, religiosity, sexual orientation



Influence of the significance of religion on the emotional distress of LGB people in spanish population

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INTRODUCTION

Religiosity is defined as the degree to which an individual holds religious beliefs, worldviews, and enacts them in their daily life (Worthington et al., 2003 cited in Macbeth et al., 2022). LGTBIQ+ community is formed by lesbian, gay, bisexual, transgender, and queer individuals. But in this study, we are focusing on lesbian/gay and bisexual (LGB) individuals only. Religiosity usually serve as a protective factor to mental health in general population, but this relation becomes more complicated among LGB individuals (Bourn et al., 2018) because many formal religions have traditionally condemned or criticized sexual minorities. So, many religious LGB people experience a conflict or dissonance between their religious identity and their LGB identity that affect their well-being. Nevertheless, research has found contradictory results: Religiosity in LGB community has related to suicidality (Dyer et al., 2022), depression, substance abuse (Macbeth et al., 2022), mood disorders, anxiety disorders and higher levels of internalized homophobia (Fernandes et al., 2021). But different studies have reported significant and positive correlations between religiosity and well-being (Boppana and Gross, 2019 cited in Fernandes et al., 2021). So, it is important to identify if religiosity is a factor, among others, associated with the increased risks experienced by LGBTQ+ people in order to understand this relation better (Macbeth et al., 2022).

HYPOTHESIS

- H.1 Religious individuals will experience lower emotional distress than non-religious
- H.2 Religious LGB individuals will experience higher emotional distress than religious heterosexual individuals
- H.3 Religious LGB individuals will experience higher emotional distress than non religious LGB individuals

OBJECTIVE

To analyze whether there is a relationship between the emotional well-being of LGB people and religiosity, focusing on the importance of religiosity for each individual

MEASURES

International Sex Survey (ISS) (Bőthe et al., 2021) an international, multi-language study using self-report survey methods. Religiosity, sexual orientation and gender questions were chosen. Also, the Brief Symptom Inventory (BSI-18) (Asner-Self et al., 2006) that test for anxiety and depression.

SAMPLE (N=300) Gender Sexual orientation Religiosity 50% ■ Religious ■ Not religious ■ Hetero ■ Homo ■ Bi

PROCEDURE

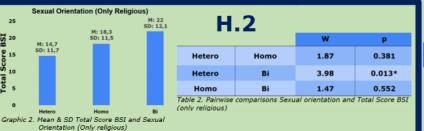
Data used in this research came from a bigger sample which is part of a larger study led by the U. of Montreal that involves 40 countries. This sample was collected through social media, launching a battery of questionnaires through Qualtrics. The study was approved by the UJI Ethics Committee.

RESULTS Religiosity Sexual Orientation and Religiosity (Only LGB) **H.1** M: 18.5 M: 18,3 M: 18,3 SD: 11,5 SD: 10,4 SD: 11.2 -0.001 Spearman's rho 0.491 p-value

H.3

Graphic 1, Mean Total Score BSI and Religiosity significance and Spearman Correlation





	Homo	Bi
	Total_Score_BSI	Total_Score_BSI
	Mann-Whitney U	Mann-Whitney U
Statistic	511	1005
р	0.547	0.110
Table 4. Mann-Whitney U Tests Total		

Score BSI and Gay/Bi religious and not

	Homo	Bi
	Total_Score_BSI	Total_Score_BSI
w	0.973	0.983
р	0.085	0.197

Table 5. Normality Test (Shapiro-Wilk)

ANALYSIS

8.36

Table 1. Kruskal-Wallis Test Sexual Orientations and Total Score BSI (only religious)

SPSS version 27 used was perform the analysis. Mann-Whitney U tests. Kruskal-Wallis test and Spearman correlations were used.

DISCUSSION

0.004

H.1 is rejected → It was found that there are no statistically significant differences between religious and non-religious individuals in terms of their experienced emotional distress.

H.2 is confirmed → (1) A statistically significant difference was found between religious heterosexuals, religious gays/lesbians and religious bisexuals in terms of their experienced emotional distress. (2) A post-hoc test proves that the difference is significant between religious heterosexuals and religious bisexuals, with higher emotional distress for religious bisexuals. (1) → Craig et al. (2021). H.3 is rejected → It was found that there's no statistically significant difference between gays/lesbians religious and non-religious in terms of their experienced emotional distress. And the same was found for bisexuals.

LIMITATIONS

- 1. Sexual orientation was measured in nominal scale. Better to measure in ordinal scale, e.g., with the Kinsey scale (Kinsey et al., 1948).
- 2. For the future, ask about the existence of identity conflicts too, as it is done in the article by Fernandes et al. (2021).

0.0862

References

- Anderson, J. R., & Koc, Y. (2020). Identity Integration as a Protective Factor against Guilt and Shame for Religious Gay Men. *The Journal of Sex Research*, *57*(8), 1059-1068. 10.1080/00224499.2020.1767026
- Asner-Self, K. K., Schreiber, J. B., & Marotta, S. A. (2006). A cross-cultural analysis of the Brief Symptom Inventory-18. *Cultural Diversity and Ethnic Minority**Psychology, 12(2), 367-375. https://doi.org/10.1037/1099-9809.12.2.367
- Barnes, D. M., & Meyer, I. H. (2012). Religious affiliation, internalized homophobia, and mental health in lesbians, gay men, and bisexuals. *The American journal of orthopsychiatry*, 82(4), 505-515. https://doi.org/10.1111/j.1939-0025.2012.01185.x
- Bőthe, B., Koós, M., Nagy, L., Kraus, S. W., Potenza, M. N., & Demetrovics, Z. (2021).

 International Sex Survey: Study protocol of a large, cross-cultural collaborative study in 45 countries. *Journal of behavioral addictions*, 10(3), 632-645.

 https://doi.org/10.1556/2006.2021.00063
- Bourn, J. R., Frantell, K. A., & Miles, J. R. (2018). Internalized Heterosexism, Religious

 Coping, and Psychache in LGB Young Adults Who Identify as Religious.

 Psychology of Sexual Orientation and Gender Diversity, 5(3), 303-312.

 http://dx.doi.org/10.1037/sgd0000274
- Brewster, M. E., Velez, B. L., Foster, A., Esposito, J., & Robinson, M. A. (2016).

 Minority stress and the moderating role of religious coping among religious and spiritual sexual minority individuals. *Journal of Counseling Psychology*, 63(1), 119-126. https://doi.org/10.1037/cou0000121
- Craig, W. A., Lawrence, R., & Armstrong, A. (2021). Examining Fundamentalism and Mental Health in a Religiously Diverse LGBTQ+ Sample. *Spirituality in Clinical Practice*, 8(2), 149-160. https://doi.org/10.1037/scp0000228
- Dyer, W. J. (2022). Refining research on the intersection between sexual orientation, suicide, and religiosity. *Psychology of Religion and Spirituality*, *14*(2), 179-188. https://doi.org/10.1037/rel0000451

- Dyer, W. J., Goodman, M. A., & Hardy, S. A. (2022). Adolescent Suicide Ideation in Utah: The Role of Religion and Family. *Psychology of Religion and Spirituality*, 14(1), 86-96. http://dx.doi.org/10.1037/rel0000319
- Fernandes, M., Reis, E., & Moleiro, C. (2021). Conflict Between Religious/Spiritual and LGB Identities in Portugal: How Is It Related to Coming Out Experiences, LGB Identity Dimensions and Well-Being? *Psychology of Religion and Spirituality*, Advance online publication. https://doi.org/10.1037/rel0000455
- Gibbs, J. J., & Goldbach, J. (2015). Religious Conflict, Sexual Identity, and Suicidal Behaviors among LGBT Young Adults. Archives of Suicide Research, 19(4), 472-488. 10.1080/13811118.2015.1004476
- Kinsey, A. C., Martin, C. E., & Pomeroy, W. B. (1948). *Sexual behavior in the human male*. Indiana University Press.
- Lefevor, G. T., Davis, E. B., Paiz, J. Y., & Smack, A. C.P. (2021). The relationship between religiousness and health among sexual minorities: A meta-analysis.

 *Psychological Bulletin, 147(7), 647-666. https://doi.org/10.1037/bul0000321
- Macbeth, A. J., Vidales, C. A., & Vogel, D. L. (2022). Perceived Parental Religiosity as a Predictor of Depression and Substance Use Among LGBTQ+ Individuals: The Mediating Role of Perceived Familial Stigma. *Psychology of Religion and Spirituality*, *14*(1), 140-147. https://doi.org/10.1037/rel0000411
- Rodriguez, E. M. (2010). At the Intersection of Church and Gay: A Review of the Psychological Research on Gay and Lesbian Christians. *Journal of Homosexuality*, 57(1), 5-38. 10.1080/00918360903445806
- Shilo, G., Yossef, I., & Savaya, R. (2016). Religious Coping Strategies and Mental Health Among Religious Jewish Gay and Bisexual Men. *Archives of sexual behavior*, *45*(6), 1551–1561. https://doi.org/10.1007/s10508-015-0567-4
- Sowe, B. J., Taylor, A. J., & Brown, J. (2017). Religious anti-gay prejudice as a predictor of mental health, abuse, and substance use. *American Journal of Orthopsychiatry*, 87(6), 690-703. https://doi.org/10.1037/ort0000297