

REVIEWERS' COMMENTS

Reviewers:

Recommendation: Revisions Required

Relevance

High

Novelty

Moderated

Presentation and writing

High

Comments for authors: Be as accurate as possible when making your comments. List each recommendation so that it is easy for authors to respond appropriately to each one. Indicate in a timely manner where changes should be made (i.e. paragraph 2 of the method section).

The manuscript is interesting and well-written. However, the authors should improve some sections of the manuscript before it is accepted for publication.

ABSTRACT

1. It is required to add the abstract and title in Spanish.

METHOD

2. The authors should indicate which matrices were used, and which estimator was used in the SEM analysis.

3. Authors should add a procedures section indicating evaluation dates. In addition, the authors should indicate what steps were taken during the evaluation.

CONCLUSIONS

4. Point out as limitations that it was not possible to evaluate moderation or mediation models.

5. It is necessary to add a paragraph that allows a theoretical interpretation of the results. What are the theoretical implications of using the circumplex model?

REFERENCES

6. Check the references and make sure they are in APA format.

Interacciones seeks greater transparency in the review process and to provide credit to reviewers. If the editors decide to accept the manuscript, **would you like your name to appear as a reviewer of the article?**

No

AUTHORS' RESPONSE

Dear Editor,

We appreciate the reviewers' response. Below, we present in red each of the comments we respond to.

The manuscript is interesting and well-written. However, the authors should improve some sections of the manuscript before it is accepted for publication.

Reply: Thanks.

ABSTRACT

1. It is required to add the abstract and title in Spanish.

Reply: We add the summary and title in Spanish. In addition, we add the keywords in Spanish and English.

“RESUMEN

Antecedentes: Uno de los problemas de salud mental mayor impacto en la vida de las personas, es la conducta suicida, que constituye un problema de salud pública en gran medida prevenible, siendo responsable de casi la mitad de todas las muertes violentas. Nuestro estudio es proponer un modelo que permita explicar y predecir la ideación suicida a partir de los problemas de salud mental (estrés-ansiedad-depresión) y la funcionalidad familiar (cohesión, flexibilidad y cohesión).

Método: Nuestro estudio es transversal. La población estuvo constituida por médicos internos de todo el Perú. Se utilizó un muestreo no probabilístico. Se utilizó la Escala de Evaluación de la Cohesión y Adaptabilidad Familiar (FACES-III), la Escala de Comunicación Familiar, la Escala de Satisfacción Familiar, Escala de Depresión, Ansiedad y Estrés (DASS-21) y la Escala de Ideación Suicida - Peor (SSI-W).

Resultados: Se incluyó a un total de 480 participantes. La prevalencia de ideación suicida fue del 39%. El análisis de regresión de Poisson ajustado identificó que las personas con síntomas de ansiedad tenían más de cuatro veces más probabilidades de tener ideación suicida (PR=4.89; IC95%:1.90-12.64).

Asimismo, las personas con niveles de comunicación familiar de moderados a altos eran mucho menos propensas a tener ideación suicida (PR=0.07; IC95%: 0.01-0.41), lo que lo convierte en un factor protector. El modelo propuesto presentó óptimos índices de bondad de ajuste (CFI=0.974; TLI=0.974; SRMR=0.055; RMSEA=0.062). Además, el modelo propuesto puede explicar la presencia de ideación suicida en un 88,3% (R²=0.883).

Conclusiones: Nuestro modelo puede explicar una gran proporción de las conductas suicidas basadas en las relaciones familiares y los problemas de salud mental en médicos internos. Además, las variables que por sí solas se asociaron más con la conducta suicida fueron los síntomas ansiosos y la comunicación familiar como factores de riesgo y de protección, respectivamente.

Palabras clave: ideación suicida, depresión, ansiedad, familia, estrés.”

METHOD

2. The authors should indicate which matrices were used, and which estimator was used in the SEM analysis.

Reply: We have added information on the matrices and estimator used in the data analysis subsection: *“SEM was used with the outcome and exposure variables. We used the weighted least square mean and variance adjusted (WLSMV) estimator (Suh, 2015). Also, we used the polychoric correlation matrix (Dominguez-Lara, 2014).”*

3. Authors should add a procedures section indicating evaluation dates. In addition, the authors should indicate what steps were taken during the evaluation.

Reply: We have added a subsection on procedures with the evaluation date and the evaluation process: *“Procedures*

The survey link was disseminated through e-mails and social networks at the national level with the help of the delegates of the different universities with medical degrees. The time given for its resolution was two weeks, from 5 to 19 November 2021.”

CONCLUSIONS

4. Point out as limitations that it was not possible to evaluate moderation or mediation models.

Aguilar-Sigueñas, L., & Villarreal-Zegarra, D. (2022). An explanatory model of suicidal ideation based on family functionality and mental health problems: A cross-sectional study of medical students. *Interacciones*, 8, e260. <http://dx.doi.org/10.24016/2022.v8.260>

Reply: Thank you very much for the accuracy. We added in the limitations subsection:
“Fourth, it was not possible to perform a mediation or moderation analysis because the assumptions of the analysis were not met.”

5. It is necessary to add a paragraph that allows a theoretical interpretation of the results. What are the theoretical implications of using the circumplex model?

Reply: We add a subsection on the "Main finding and interpretation", to explain the theoretical implications of our findings:

“Main finding and interpretation

Our conclusions propose that the dimensions of the circumplex model and the mental health problems largely explain suicidal ideation. Mainly, the most important predictors of suicidal ideation in medical students are family communication and anxious symptoms. Our study proposes that family relationships have the most influence on the presence of suicidal ideation than mental health problems themselves. Based on the circumplex model theory, balanced families have more functional members with higher well-being (i.e., less suicidal ideation) than unbalanced families (i.e., low communication and family satisfaction) (Olson et al., 2019). Therefore, our study supports this hypothesis of the circumplex model. Our model also highlights the role of family relationships in the presence of mental health problems. Therefore, it is of utmost importance to be able to include family variables in epidemiological models of mental health problems.”

REFERENCES

6. Check the references and make sure they are in APA format.

Reply: We checked the references and citations in the text. We confirmed that they comply with the APA guidelines of the seventh edition.