

Review Report

Manuscript I D -

Manuscript Entitle – “Longitudinal relations between non-suicidal self-injury and both ² depression and anxiety among adolescents: A cross-lagged panel network analysis”

Title & Abstract

- The title is appropriate as expresses the basic theme and focus of the study.
- As far the abstract is concerned background of the study need to validate with citation. Moreover a brief methods need to be added.
- Methods in brief need to be incorporated such as sampling method, scales used.

Introduction

Certainly, this research covers a very crucial concern, namely NSSI among adolescents.

- Language is unambiguous, transparent and appropriate.
- Literature supports are in current context.
- Unfortunately, the background has not been established appropriately to present a comprehensive overview of Non-Suicidal Self-Injury (NSSI). It is inferred that the background information should highlight that NSSI is a significant global public health concern due to its high prevalence, particularly among adolescents, both worldwide and countrywide. As this crucial information, specifically statistics on the issue's prevalence worldwide, is missing in the introduction, it needs to be added.

Methods

However, the purpose or aims of the study are mentioned at the end of introduction. But author is suggested to frame or add the objectives to make the outline of the study more structured.

The use of convenience sampling limits the generalization and external validity of the present findings. The author should endeavor to expand the research in the future to overcome this limitation.

Apart from these points, the rest of the methodological aspects have been appropriately addressed.

Results

The author did well in describing the results. However, it is suggested to break the result according to objectives which is suggested to add, to make the presentation more simplify, specific and convenience for readers. For instance -

- **Among boys**, self-hitting and feeling scared emerged as central symptoms. Cutting negatively predicts subsequent feelings of sadness, tension and indifference, potentially serving as a bridge connecting NSSI to depression and anxiety. Additionally, feelings of tension and scared were key bridge symptoms linking depression and anxiety.
- **For girls**, biting and feeling scared were central symptoms. Carving, skin rubbing, and self-hitting were negatively associated with subsequent feelings of indifference, serving as bridges linking NSSI to depression or anxiety.
- Feeling scared also emerged as a critical bridge symptom between depression and anxiety. Consistently, these findings highlight NSSI as an emotional regulation strategy **for adolescents** to alleviate depression and anxiety.

I believe that it needs specific focus rather than compile all together and make the thing more complicated for readers. For instance,

- Separate study should focuses on “Gender wise differences in the symptomatology of NSSI, depression, and anxiety”.
- The other study should attempt to explore symptomatology of NSSI, depression, and anxiety among adolescents. Or find out the ILongitudinal relations between non-suicidal self Injury and both depression and anxiety among adolescents regardless of gender difference.

Discussion

The description of results is found to be relevant with the result. However, some suggestions can be consider to improve such as-

The literature support was established with outdated studies 2020 and before in discussion. Current literature, particularly studies from 2020 or later, provides more relevant and up-to-date support.

Author is suggested to consider Alternative Explanations, as not seems touching on theoretical ground. Hence, suggested to briefly touch on alternative explanations for the observed relationships. This demonstrates a balanced perspective and shows that you've considered different interpretations of the data.

Future Directions need to be added which speculated to give potential avenues for future research. What questions remain unanswered? Are there other new variables that could be explored to further our understanding of relationship of NSSI and emotional Disorder specifically, anxiety and depression.

Conclusion

The conclusion seems well described and more precise.

Figures & Tables

Authors need to check and correct or update the “**Fig.2.** T1 ³ T2 network symptom centrality estimates in girls”. As this figure is seems for Boys not for girls and subsequent figure (Fig.3.) is for girls.

References

The reference style not adheres to APA 7th edition, as doi and url is missing.

Overall Comment –

Recommended for publication with Minor corrections by working on suggestions.

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