

Dear researchers, hello

Your manuscript addresses an interesting topic and is a valuable research. Congratulations on this. However, the manuscript requires significant improvement in terms of writing quality as well as native editing. Please consider the following points to enhance the overall quality of your manuscript.

Abstract

- In line 26, the word "relatedness" is correct, not "relationship".
- In line 27, the phrases "autonomy frustration" and "competence frustration" are correct. Please correct throughout the manuscript.
- There is no need to report results with marginal significant in the abstract.

Introduction

- From lines 42 to 51, you have explained the COVID-19 causal factors, but you have not provided any reference. Please add the reference.
- From line 56 onwards, first explain the self-determination theory and basic psychological needs. Then point out the consequences of satisfaction and frustration of basic psychological needs. Next, bring what you wrote about the effect of the causal factors of the epidemic on basic psychological needs.
- In lines 61 to 63, the sentences are unintelligible and need rewriting.
- From line 76 onwards, first define social anxiety and then bring what you wrote about the effect of the causal factors of the epidemic on social anxiety. In other words, move the content written in lines 83 to 88 to here.
- Define each factor mentioned in line 90 briefly. Also write the abbreviation of the phrase in front of it.
- State the purpose of the study only once at the end of the introduction.
- Specify which theoretical framework is referred to in line 101.
- Rewrite hypotheses from line 102 onwards. By autonomy, competence, and relatedness, do you mean the satisfaction of these three needs or frustration? If you mean satisfaction of needs, why do you assume that DSP and ES increase them? (Please specify throughout the text whether you mean satisfaction of these needs or frustration).

Method

This section of the manuscript is poorly written. Please answer the following questions in the manuscript.

- How was the sample size determined in this study? How did you ensure that 58 participants were sufficient for this study?
- What sampling method was used?
- What were the inclusion and exclusion criteria for the research?
- In line 112, it is stated that participants studied an average of 7.98 hours per week. What is it written for?

- In line 112, it is mentioned that 10 individuals had a COVID-19 infection, and 31 had a relative infected by COVID-19. So what about the remaining 17 participants? Was this accounted for during data analysis? (Please report both numbers and percentages).
- In line 113, what is meant by "any sports modality"? Please provide accurate information on how many individuals engaged in physical activity and how many did not. Was this considered during data analysis?
- In the section introducing instruments, please first write and bold the title of the questionnaire. Then introduce the questionnaire by mentioning who designed it and how its validity and reliability are. Also report the results of Cronbach's alpha (you can include it in Table 1).
- Explain more about the data collection method.
- In line 177, you have repeated a sentence twice.
- The sentence in line 183 should be rewritten.

Results

- In line 198, it is preferable not to use only abbreviations of phrases. Write out the full phrase and provide the abbreviation in parentheses next to it.
- In line 199, instead of autonomy, competence and relatedness, write autonomy satisfaction, competence satisfaction and relatedness satisfaction. Throughout the text and tables, it should be corrected like this.
- In line 215, it is written that relatedness satisfaction positively predicts SEX, however, Table 3 shows a negative prediction.
- In this study, it was found that autonomy frustration positively predicts EVI. Bring this finding in the abstract section.
- In Table 3, the total sample (n=317) is written. What does this number refer to?

Discussion and conclusion

- This section of your manuscript requires a complete rewrite. Start by stating the purpose of the study and the findings obtained. Then, present studies that align with the findings of this study to demonstrate to the reader that your findings are well-supported. If there are studies that contradict your findings, report them as well and explain the reason for this inconsistency. You have not made any reference to studies that are in line or contradict with this study in your manuscript.
- Furthermore, you discussed only some of your findings. It is essential to thoroughly explain all findings related to the relationships between Covid-19 causal factors and basic psychological needs, Covid-19 causal factors and social anxiety, as well as basic psychological needs and social anxiety.
- In line 234, there appears to be a contradiction between your study's findings and your explanation.
- In line 239, concentrate on elucidating the findings that were statistically significant rather than marginally significant results.

- Please mention the small sample size of this study in research limitations. Additionally, include suggestions for future research in the form of research proposals.

References

-Please use EndNote. In some references, the year of the study is written incorrectly.