

## Peer Review Report

# Review Report on Investigating the association between adolescent internet addiction and parental attitudes

Original Article, Int J Public Health

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### EVALUATION

#### **Q 1** Please summarize the main findings of the study.

A significant association was found between parental attitude and internet addiction in students. Authoritarian parenting increased the risk of internet addiction (OR=1.70). Reducing a pandemic promoted internet addiction needs a democratic parental attitude.

#### **Q 2** Please highlight the limitations and strengths.

The study's main limitation is the self-assessment of academic achievement and lack of clear objectives. This in turn has implications on sample size as well. A major limitation is that the author's find no limitation in their study. The strength of the study is about its findings. It is worth a research to know the effects of parental attitude on internet addiction.

#### **Q 3** Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

#### Abstract

Technically, there is a difference between relationship and association. Relationship pertains to correlation which is monotonic and is based on linear/curvilinear trend which is analyzed by correlation tests. In this analysis, association should be the preferred term unless I am missing something. If relationship has been used as a non-technical English word it is still preferable to use the correct technical term.

Line at 9-10. Grammatical correction.

#### Introduction

While the first few paragraphs in page 1-3 have vital information, they can be written crisply with focussed use of active voice and reducing redundant sentences.

In page 4, the rationale (line 73-77) needs to be re-written for clarity and impact as it leads upto the need of the study. Clear cut objectives should be stated instead of a general objective in the end. Any reader would be interested in knowing exact SMART objectives before, s/he decides to read further.

#### Materials and Methods

The sample size cannot be based on absolute error and assumed prevalence of 50%. Why hasn't a more anticipated prevalence taken based on similar studies and a relative error based on that prevalence? In any case, the sample size cannot be based on prevalence as the main objective seems to be to measure/determine association. An association based sampling formulation should be used.

The PAS score has single validation presumably from similar settings, you could provide your own internal consistency as well.

In ethical issues, clear mention of assent and consent is not written. Did the parents give written consent and adolescents give assent (<18 years or years of maturity nationally followed) and consent (>18)?

## Results

The model parameters have been duly mentioned.

## Discussion

Without a clear mention of study objectives, this is difficult to analyze. However, I see a lot of discussion on socio-demographic differences. Add this to your objective if that is the case. You may also consider revisiting the title to best suit your purpose.

p.10-11 (Line 246-252)

While discussing you should be careful of the implications of your discussion. Access has increased addiction, is that what you are trying to imply? Shouldn't you say that access may increase internet use including addiction. What message do you want to give to the policymakers?

p.11 (Line 253-256)

I do not know how one can write 'partial' effect through non-significant odds ranging from 0.79-3.33. This is simply wrong.

p.14 (line 304-316)

Consider revising the Büyükşahin and Çelikkaleli's study implications. Why is there a difference in your study with indifference etc. Please write in terms of implications and other considerations.

As a whole discussion can be made more crisper and impactful. Your literature review is already substantial. A discussion on parental attitudes in general regarding these is important.

## Limitations

Doesn't the study have any limitations? Isn't self assessment of academic achievement itself a limitation.

### PLEASE COMMENT

#### **Q 4** Is the title appropriate, concise, attractive?

Could be improved, the current title has too many nouns and too few verbs. I would advise a title around "Investigating the association between adolescent internet addiction and parental attitudes."

#### **Q 5** Are the keywords appropriate?

Less in number, only three!

#### **Q 6** Is the English language of sufficient quality?

Yes, but can be improved for better readability. I have suggested this to the authors.

#### **Q 7** Is the quality of the figures and tables satisfactory?

Yes.

**Q 8** Does the reference list cover the relevant literature adequately and in an unbiased manner?)

Yes

**QUALITY ASSESSMENT**

**Q 9** Originality

**Q 10** Rigor

**Q 11** Significance to the field

**Q 12** Interest to a general audience

**Q 13** Quality of the writing

**Q 14** Overall scientific quality of the study

**REVISION LEVEL**

**Q 15** Please make a recommendation based on your comments:

Major revisions.