Structural Equation Modeling of Addiction Proneness in Male High School Students Based on Parental Emotional Tone and Cognitive Bias with the Mediating Role of Coherent Self-Knowledge

Sabina. Nobari[1], Mansour Ali. Mahdi[2], Mahtab. Moraveji[3*], Mehrdad. Sabet[4], Amin. Rafiepoor[5]

[1] PhD Student, Department of Clinical Psychology, Ki.C, Islamic Azad University, Kish, Iran
[2] Department of Psychology, TeMS.C., Islamic Azad University, Tehran, Iran
[3] Department of Nursing & Midwifery, Za.c., Islamic Azad University, Zanjan, Iran
[4] Department of psychology, Ro.C., Islamic Azad University, Roudehen, Iran
[5] Department of Psychology, Payame Noor University, Tehran, Iran

* Corresponding author email address: mahtab.moraveji@iau.ac.ir

Editor	Reviewers
John S. Carlson Distinguished Professor of the Department of Educational Psychology, Michigan State University, East Lansing, MI, United carlsoj@msu.edu	**Reviewer 1:** Fahime Bahonar Department of counseling, Universty of Isfahan, Isfahan, Iran. Email: Fahime.bahonar@edu.ui.ac.ir **Reviewer 2:** Mahdi Khanjani Associate Professor, Department of Psychology, Allameh Tabataba'i University, Tehran, Iran. Email: khanjani_m@atu.ac.ir

1. Round 1

1.1. Reviewer 1

Reviewer:

In the statement "adolescence represents a critical developmental stage characterized by profound biological, psychological, and social transformations", the authors should clarify how these domains are operationalized within the current model to avoid remaining purely descriptive.

The authors cite parental emotional tone as "one of the most powerful and persistent environmental influences." Please specify the empirical benchmarks or meta-analytic evidence that justify this claim.

The interpretation "moderate level of addiction proneness" should be supported by normative comparison or percentile ranking.

The authors identify coherent self-knowledge as the strongest predictor. Please report standardized total effects and compare magnitudes explicitly.

Authors uploaded the revised manuscript.

1.2.   Reviewer 2

Reviewer:

The definition of cognitive bias as "systematic distortions in information processing" would benefit from specifying which bias types are measured by the selected instrument, linking theory directly to measurement.

The sentence "integrative self-knowledge refers to the capacity to coherently integrate past experiences, present emotions, and future goals" should explicitly link each of these components to the three ISKQ subscales used later in the methods.

The stated aim is clear; however, the authors should explicitly articulate the theoretical novelty of their structural model compared with prior mediation frameworks in addiction research.

The use of "convenience sampling" in a large metropolitan population should be discussed as a limitation earlier in the manuscript, not only in the limitations section.

The reported Cronbach's alpha of .98 is extremely high and may indicate redundancy. The authors should discuss potential implications for construct validity.

The sentence "Statistical assumptions, including data normality and multicollinearity, were assessed" should report actual test statistics or at least indicate whether any violations occurred.

Authors uploaded the revised manuscript.

2.   Revised

Editor's decision after revisions: Accepted.
Editor in Chief's decision: Accepted.