Comparison of the Effectiveness of the Successful Intelligence Training Package Focused on Risky Behaviors with the Executive Functioning Improvement Package on the Inclination to Risky Behavior and Family Affinity among Female Middle School Students Engaged in Risky Behaviors

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E d i t o r	R e v i e w e r s
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1. Round 1

1.1 Reviewer 1

Date: 26 November 2023

Reviewer:

While the use of descriptive and inferential statistics is mentioned, the manuscript could benefit from a more detailed explanation of the statistical models employed, including any assumptions checked and the rationale for choosing specific tests.

Expand the literature review to include recent studies that have utilized similar interventions in different contexts. This will help situate your study within the broader field and potentially highlight its unique contribution.

The manuscript would benefit from a more detailed breakdown of participant demographics, including age distribution, socio-economic background, and educational attainment. This information could aid in assessing the generalizability of the findings.

While the manuscript describes the intervention sessions, a deeper explanation of the theoretical underpinnings of each session's activities could enrich the reader's understanding of why specific outcomes were anticipated.

Provide more information about the reliability and validity of the tools used, especially if they were adapted for this study. Include details about how these measures have performed in similar research contexts.

Specify the rationale for the chosen follow-up duration and discuss how this period is sufficient to observe lasting effects of the interventions. Comparing this duration with those used in similar studies could strengthen this argument.

Expand the discussion of the study's limitations, particularly regarding the quasi-experimental design and its implications for causal inference. Suggestions for addressing these limitations in future research could be more explicitly stated.

Authors revised the manuscript and uploaded the updated document.

1.2 Reviewer 2

Date: 38 November 2023
Reviewer:

The manuscript would benefit significantly from a more comprehensive theoretical framework that situates the study within the broader context of health psychology and behavioral medicine. A deeper exploration of the theoretical underpinnings of self-compassion and psychological distress in the context of chronic illness management would provide a stronger foundation for the study.

Given the complexity of the proposed causal model, a thorough reevaluation of the methodological approach is warranted. This includes a more detailed justification for the sample size, considering the power analysis for structural equation modeling, and potentially expanding the sampling strategy to enhance the representativeness and diversity of the study population.

The manuscript could benefit from the application of more advanced statistical techniques to test the proposed model. For instance, multi-group analysis to compare models across genders more rigorously or the use of latent growth modeling to explore changes in self-care behaviors over time could provide deeper insights.

The manuscript should include a more extensive review of relevant literature, particularly focusing on previous research that has explored the role of self-compassion and psychological distress in chronic disease management. This could help in positioning the study more clearly within the existing body of knowledge and identifying how it advances our understanding of these constructs in the context of type 2 diabetes.

The discussion section should be expanded to elaborate on the clinical implications of the findings, including how self-compassion interventions could be tailored to different genders and integrated into comprehensive diabetes management programs.

Authors revised the manuscript and uploaded the updated document.

2. Revised

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