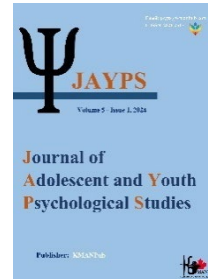




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The Mediating Role of Mindfulness in Explaining the Causal Relationship between Basic Psychological Needs and Family Functioning in Firefighters

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1. Round 1

1.1. Reviewer 1

Reviewer: Congratulation on your great work! It can be accepted without any revisions.

Introduction and Background: The study is highly relevant, addressing the critical issue of mental health and family functioning in a high-stress profession. The background provided is comprehensive, setting a strong foundation for the research.

Literature Review: The literature review is thorough, effectively bridging the gap between mindfulness, basic psychological needs, and family functioning. However, more emphasis on previous findings specific to firefighting professionals could enhance the context.

Methodology: The sample size and selection are appropriate, but the non-random, convenience-based sampling limits the generalizability of the findings. The use of validated tools for measurement adds credibility.

Data Analysis and Results: The application of structural equation modeling is apt for the study design. The negative path coefficients between psychological needs, mindfulness, and family functioning are intriguing, offering new insights into the interplay of these factors in a high-stress profession.

Discussion: The discussion effectively ties the results back to the literature, though it could benefit from a deeper exploration of the implications for mental health interventions in the firefighting community.

Conclusion: Conclusions are well-drawn, highlighting the importance of mindfulness in this specific professional context. Suggestions for future research, such as longitudinal studies and the inclusion of intervention-based approaches, are valuable.

Authors uploaded the revised manuscript.

1.2. Reviewer 2

Reviewer: This study is a significant contribution to the field, particularly in understanding the mental health dynamics of high-stress professions. The methodology is robust, but future research should aim for more diverse and random sampling for broader applicability.

Abstract and Introduction: The abstract succinctly summarizes the study, while the introduction sets a clear stage for the research. However, the introduction could provide a more detailed rationale for focusing specifically on firefighters.

Research Design and Methodology: The descriptive-correlational method and structural equation modeling are appropriate for the study objectives. Nonetheless, the sampling technique may introduce selection bias, impacting the study's external validity.

Results Analysis: The analysis is comprehensive, with clear demonstration of the mediating role of mindfulness. The graphical representation of data and path coefficients enhances understanding.

Discussion of Findings: The discussion aligns well with the results, providing a thoughtful interpretation of the mediating role of mindfulness. However, further exploration of how these findings can inform practical interventions in fire departments would be beneficial.

Conclusion and Recommendations: The conclusion effectively summarizes the findings, emphasizing the potential of mindfulness in improving family functioning among firefighters. Recommendations for future research, including varied methodologies and broader populations, are well-justified.

Authors uploaded the revised manuscript.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.