


Structural Model of Personality Traits and Illness Perception with Functional Disability in Functional Somatic Syndromes in Patients with Coronary Artery Disease Based on the Mediating Role of Self-Care Behavior

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1. Round 1

1.1. Reviewer 1

Reviewer:

The manuscript could benefit from a clearer delineation of the selection criteria for the participants, particularly concerning the rationale behind purposeful selection and how it might impact the generalizability of the findings. Additionally, a more detailed explanation of the statistical power of the sample size in relation to the observed variables could enhance the reader's understanding of the study's robustness.

While the mediation analysis is central to the paper's contributions, the explanation of how self-care behavior mediates the relationship between personality traits (and illness perception) and functional disability could be expanded. Specifically, a discussion on the mechanisms through which self-care behavior exerts its mediating effect would provide deeper insights into the causal pathways explored in the study.

The study relies heavily on self-reported measures, which may introduce response bias. The authors briefly acknowledge this limitation, but further discussion on its implications for the study's conclusions and potential strategies to mitigate such biases in future research would be valuable.

The Discussion could be enriched by incorporating comparisons with existing literature more extensively, especially regarding studies that have not found significant mediating roles of self-care behavior or have focused on populations with different health conditions. This could provide a more nuanced context for interpreting the study's findings.

There are minor typographical and grammatical errors throughout the manuscript that need correction. A thorough proofreading is recommended to enhance the manuscript's overall readability and professionalism.

Authors revised and uploaded the document.

1.2. Reviewer 2

Reviewer:

The Literature Review section could be enhanced by including more recent studies that have explored similar themes. This would not only contextualize the study within the current research landscape but also help in identifying gaps that the current study addresses.

The Methods section would benefit from a more detailed description of the structural equation modeling process, including any assumptions checked, model fit criteria, and rationale for the chosen indices. This would aid in replicability and provide the reader with a comprehensive understanding of the analytical approach.

Considering the complexity of the structural model and the centrality of the mediation analysis, including supplementary materials such as detailed tables of the structural equation model's outputs or additional diagrams could enhance the transparency and interpretability of the results.

While the manuscript briefly mentions implications for clinical practice, expanding this section to discuss specific strategies healthcare providers could employ to leverage the insights from this study would be highly beneficial. This could include recommendations on assessing personality traits and illness perception as part of routine care for CAD patients.

The manuscript mentions adherence to the Helsinki Declaration and ethical approval for the study. Providing more details on the ethical considerations, particularly regarding participant consent and data privacy, would strengthen the ethical rigor of the manuscript.

Authors revised and uploaded the document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.