



The Interplay of Neuroticism and Self-Efficacy in Pain Catastrophizing: A Quantitative Analysis

Seyed Hadi, Seyed Alitabar^{*1}, Farzad, Goli²

¹ Assistant Professor, Department of Psychology and Counseling, KMAN Research Institute, Richmond Hill, Ontario, Canada

² Professor, Faculty Instructor, Energy Medicine University, California, USA AND Danesh-e Tandorosti Institute, Isfahan, Iran

* Corresponding author email address: hadialitabar@kmanresce.ca

Editor

Nader Hajloo^{id}
Professor of Psychology
Department, Faculty of Psychology
and Educational Sciences,
University of Mohaghegh Ardabili,
Ardabil, Iran
hajloo53@uma.ac.ir

Reviewers

Reviewer 1: Hassan Toozandehjani^{id}
Associate Professor, Department of psychology, Neyshabur branch, Islamic azad
university, Neyshabur, Iran Email: as_jafari@sbu.ac.ir
Reviewer 2: Maryam Aslzaker^{id}
Assistant professor of clinical psychology, clinical Psychology Department, Shahid
Beheshti University of medical sciences, Tehran, Iran. m.aslzaker@sbmu.ac.ir

1. Round 1

1.1. Reviewer 1

Reviewer:

The review effectively establishes the study's foundation but could be expanded to include more diverse perspectives on the psychological aspects of pain management.

The cross-sectional design is appropriate for the study's aims, but the paper would benefit from a discussion on the limitations of this approach, particularly regarding causality.

The statistical analysis is sound. Incorporating a discussion on the model's variance explained could offer deeper insights into the complexity of pain catastrophizing.

This study contributes important insights to the understanding of pain management. Highlighting its contribution to existing literature on pain perception could strengthen the paper's impact.

The paper is well-written, though some sections could benefit from simplification to enhance readability for a broader audience.

Response: Revised the manuscript and uploaded the document.

1.2. Reviewer 2

Reviewer:

Offer more detailed suggestions for how these findings could influence pain management strategies in clinical settings.

Include a wider array of studies to contextualize the research within the broader field of pain psychology.

Elaborate on the implications of the cross-sectional design for the study's conclusions.

Provide more insights into the explanatory power of the regression model used.

Recommend evidence-based psychological interventions targeting neuroticism and self-efficacy.

Aim for greater simplicity in language to make the paper accessible to non-specialists.

Response: revised the manuscript and uploaded the document.

2. Revised

Editor's decision: Accepted.

Editor in Chief's decision: Accepted.