




How Perceived Independence Affects Life Satisfaction Through Motivation in Individuals with Acquired Disabilities

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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

Reviewer:

The authors write, "...self-efficacy, control over decision-making, and environmental supports..." as dimensions of perceived independence. It would strengthen the argument to cite empirical work that directly connects these specific subcomponents to the Perceived Independence Scale (PIS).

The authors mention that the PIS does not include subscales. However, it would be useful to describe whether any factor analysis has confirmed its unidimensionality in similar populations.

The statement "suggesting a generally positive evaluation of life" based on a mean SWLS score of 24.51 should be interpreted with caution. Please reference normative data or thresholds that support this interpretation of the score range.

Correlations are reported, but confidence intervals for the correlation coefficients are not provided. Including these would offer a clearer sense of the precision and robustness of the relationships.

In the explanation of indirect effects in Table 4, the authors state "indicating a meaningful mediating role of motivation." It would be scientifically clearer to interpret this using a specific mediation analysis framework, such as the criteria proposed by Baron and Kenny or bootstrapping confidence intervals.

The sentence "motivation may function as a psychological buffer..." is intriguing but speculative. Consider qualifying the statement or supporting it with empirical findings on the buffering role of motivation in stress contexts.

Response: Revised and uploaded the manuscript.

1.2. Reviewer 2

Reviewer:

The sentence “Motivation helps individuals engage in rehabilitation, participate in social and occupational activities...” could be expanded by providing specific empirical examples or citing studies that have examined how different types of motivation (e.g., intrinsic vs. extrinsic) influence these behaviors.

In “...individuals with disabilities who reported higher self-regulation and personal goal orientation...,” please specify which population (e.g., spinal cord injury, stroke) this finding pertains to, to enhance contextual clarity.

The authors claim that “few studies have specifically examined how perceived independence influences life satisfaction through motivational pathways.” This is a strong claim and would benefit from a more systematic review of the gap—perhaps citing a scoping review or meta-analysis to justify the novelty of this research.

The figure is not described in the text. A narrative interpretation of Figure 1, including path coefficients and implications, should be added to improve reader understanding.

The authors state, “These results support the proposed theoretical model...” but never name or elaborate on the specific theoretical framework in the introduction. Please clarify whether Self-Determination Theory was the guiding framework and elaborate on its key tenets.

Response: Revised and uploaded the manuscript.

2. Revised

Editor’s decision after revisions: Accepted.

Editor in Chief’s decision: Accepted.