

Designing a Structural Equation Model of Physical Activity Level, Job Burnout, and Effectiveness of Police Academy Officers in Iraq

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1. Round 1

1.1. Reviewer 1

Reviewer:

The sentence “Regular physical activity is recognized as an effective method for improving physical and psychological health” could benefit from more recent references to ensure up-to-date support.

Provide more detailed descriptions of the validity and reliability testing of the questionnaires, such as the exact Cronbach's alpha values for each subscale.

In Table 2, specify the confidence intervals for the reported t-statistics to provide more comprehensive information.

In Figure 1, include clearer annotations for path coefficients and t-values to make the visual interpretation more accessible. Elaborate on why specific hypotheses were tested using one-sample t-tests instead of other advanced statistical methods.

Authors revised the manuscript and uploaded the new document.

1.2. Reviewer 2

Reviewer:

Expand on how the study addresses the stated "gap in the literature" regarding the relationship between physical activity and burnout in a police academy context.

The six summarized studies on physical activity interventions lack uniformity in depth. For example, the study in New Zealand (Dreyer et al., 2012) could include details about sample size or metrics for burnout reduction.

Discuss more explicitly how the findings of prior studies informed the hypothesis about the mediating role of job burnout.

Strengthen the discussion by contrasting your findings with those of Collado-Mateo et al. (2021) regarding psychological benefits of workplace physical activities.

Expand on the practical strategies proposed for mitigating job burnout, linking them explicitly to findings (e.g., the mediating path coefficient).

Authors revised the manuscript and uploaded the new document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.