



The Effect of Need for Knowledge, Learning Self-Efficacy, and Collective Learning on Teachers' Satisfaction with Learning

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1. Round 1

1.1 Reviewer 1

Date: 24 February 2023

Reviewer: This article significantly contributes into the factors influencing physical education teachers' learning satisfaction. With enhanced methodological details and broader implications discussion, it could serve as a significant resource for educational administrators and policymakers.

1. Major Comments:

- **Research Design and Methodology:** The survey research design and the stratified random sampling are appropriate for the study's scope. However, the study would benefit from a more detailed explanation of the stratification criteria and the process of randomization.
- **Constructs and Measurements:** The study utilizes established questionnaires for measuring need for knowledge, learning self-efficacy, collective learning, and satisfaction with learning, which adds credibility. The reliability and validity confirmation is commendable, yet the paper could elaborate more on the specific aspects of validity tested and the methods used for each questionnaire.

- **Data Analysis:** The application of SPSS and SMART PLS for descriptive and inferential statistics is suitable. However, the study could further benefit from a more nuanced discussion of the model fit indices and the justification of the structural model used.

2. Minor Comments:

- **Discussion and Implications:** While the results are interesting, particularly the positive effect of collective learning on satisfaction, the discussion section could be expanded to include implications for teacher training programs and policy-making.
- **Limitations and Future Research:** The paper could provide a more in-depth discussion on the limitations of the survey method and the sample's representativeness. Additionally, suggesting directions for future research would strengthen the paper.

Authors revised the manuscript and submitted the document.

1.2 Reviewer 2

Date: 26 February 2023

Reviewer: The manuscript offers a detailed and insightful exploration into the elements affecting learning satisfaction among physical education teachers. The emphasis on collective learning as a positive contributor is especially noteworthy. Enhancements in certain areas could make this a pivotal study for educational researchers and practitioners alike.

1. Introduction and Background: The manuscript provides a comprehensive examination of various psychological and communal factors influencing physical education teachers' satisfaction with their learning experiences. The background sets a compelling context for the importance of teachers' continuous learning and satisfaction.

2. Research Methodology:

- **Sampling and Population:** The choice of physical education teachers as the population is justified and relevant. However, future studies might consider a more diverse sample across different disciplines to compare if the effects vary.
- **Measurement Tools:** The four distinct questionnaires used are well-chosen, covering a wide range of aspects pertinent to the study's focus. It would be beneficial for the manuscript to include a brief overview or discussion of the theoretical basis for each construct measured.

3. Findings and Analysis:

- **Statistical Techniques:** The use of advanced statistical tools is a strength of the paper. A more detailed explanation of the choice of these techniques and their relevance to the data type could enhance the reader's understanding.
- **Interpretation of Results:** The interpretation of the non-significant effect of knowledge need and learning self-efficacy on satisfaction is intriguing. A deeper analysis or theoretical discussion on why these might not have significant effects would add depth to the study.

4. Discussion:

- **Practical Implications:** The findings on the significance of collective learning provide a practical pathway for educational institutions to enhance teacher satisfaction. The manuscript could explore specific strategies or interventions based on collective learning principles.

- **Limitations and Suggestions for Future Work:** The acknowledgment of limitations is good practice, and further elaboration on how these might affect the outcomes or applicability of the findings would be helpful. Additionally, setting a clear agenda for future research based on the findings would guide subsequent studies in the field.

5. Conclusion: The manuscript offers a detailed and insightful exploration into the elements affecting learning satisfaction among physical education teachers. The emphasis on collective learning as a positive contributor is especially noteworthy. Enhancements in certain areas could make this a pivotal study for educational researchers and practitioners alike.

Authors revised the manuscript and submitted the document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.