

# Comparison of the Effectiveness of Problem-Solving Approach-Based Training and Critical Thinking Training on Reducing Academic Self-Handicapping Behaviors and Academic Procrastination in Nursing Students with Test Anxiety

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## 1. Round 1

### 1.1. Reviewer 1

Reviewer:

"Test anxiety is defined as a feeling of discomfort..." lacks citation. Provide a reference for this definition to enhance credibility.

Specify how the "Test Anxiety Questionnaire" was administered and justify the cutoff score of 50 for eligibility.

For both problem-solving and critical thinking training, elaborate on the theoretical frameworks or models underpinning the sessions, particularly their alignment with test anxiety.

Add a footnote explaining the abbreviations "M(SD)" for mean and standard deviation to enhance clarity for readers unfamiliar with statistical terms.

The p-values (e.g., 0.02, 0.026) should include effect size measures to contextualize the practical significance of findings.

Highlight if the lack of difference between experimental groups is due to genuine similarity or sample size limitations.

The conclusion that both interventions "reduce negative academic behaviors" could discuss implications for broader populations beyond nursing students.

Authors revised and uploaded the document.

### 1.2. Reviewer 2

Reviewer:

The phrase "learning processes can lead to both academic improvement and decline" could benefit from an example or evidence to substantiate this claim.

The transition from the discussion of self-handicapping to academic procrastination feels abrupt. Consider adding a bridging sentence explaining their interrelation.

The reliability section mentions a Cronbach's alpha of 0.78 for the study. Compare this with previous studies' alpha values to discuss consistency or discrepancies.

Clarify whether all three dimensions of procrastination (intentional, fatigue-induced, and planning-related) were analyzed separately or combined.

The statement "problem-solving skills training can positively impact individuals' motivation" requires citation or a connection to prior literature.

While discussing critical thinking, include recent meta-analyses or reviews that substantiate its role in reducing procrastination.

Authors revised and uploaded the document.

## 2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.