

**NURSING RESEARCH REVIEW FORM**

1st Review – **STAT REVIEW** Only

Manuscript # 2006/075  
Manuscript title: The mediating and moderating roles of the cognitive triad on adolescent suicidal ideation  
Manuscript type: Regular  
Number of text pgs.: 16  
Number of figures: 1  
Number of tables: 3  
Reviewer: Anonymous  
Stat reviewer assigned?: Yes -- you are the stat reviewer

**Please evaluate the following with these choices: (1) adequate, (2) inadequate (describe in written review) or (3) not appropriate (describe in written review)**

Problem statement: 1  
Attention to relevant literature: 1  
Theoretical framework: 1  
Research design: 1  
Data analysis: 3  
Discussion of results: 1  
Organization: 1  
Writing style: 1

**Please rate the following topics 1-5 (with 5 being the highest rating):**

Value of topic: 4-5  
Probable reader interest in topic: 4-5  
Importance of present contribution to nursing: 4-5

Priority of topic for publication: 4-5 with serious problem corrected, otherwise 1  
Rank this manuscript for its value: 4-5

**Reviewer's Recommendation (please type "X" after your choice):**

Accept without revisions  
Accept with revisions  
Maybe accept with revisions  
Do not accept X (but allow them to resubmit after fixing the serious problem)

**Please provide a comprehensive and integrated review of this manuscript.  
Be sure to present a balanced view of the manuscript's strengths and weaknesses.**

This paper is very well written and organized. It covers an important topic of interest to Nursing Research readers. The analysis follows the classic Baron and Kenny process for addressing mediation and moderation with a few small issues that need to be adjusted. However, the analysis has a very serious problem.

**Serious problem.**

Standard regression techniques appear to have been used. These assume simple random sampling. However, cluster sampling within two levels (schools and then classes within schools) was used in collecting the data. Cluster sampling introduces the possibility of correlations within class and/or school clusters that need to be accounted for. Otherwise, the reported significance levels and conclusions are suspect.

**Other small issues.**

1. Figures 1a and 1b are in the opposite order to that described in the paper.
2. On page 7, it first says no studies have examined these mediating effects, then none have studied these moderating effects. Then on page 8, it says few studies have examined either these mediating or moderating effects. Which is it? none or few?
3. In the first line of page 14, say in what sense the relationship must be "less" rather than just that it must be.
4. On page 15, line 9, the reduction is described as "significant". That term requires that a hypothesis test has been conducted. Describe the test that was used in the Methods Section and report a p-value here.