**Abstract**

The present preliminary trials tested whether undergraduate peer leaders can effectively deliver a dissonance-based eating disorder prevention program, which could facilitate broad dissemination of this efficacious intervention. In Study 1, female undergraduates were randomized to peer-led groups, clinician-led groups, or an educational brochure control condition. Participants in peer- and clinician-led groups showed significantly greater pre–post reductions in eating disorder symptoms than controls, though clinician- versus peer-led groups produced stronger effects at posttest and at 1-year follow-up. Results provide novel evidence that dissonance-based eating disorder prevention groups led by undergraduate peers are feasible and produce greater reductions in eating disorder risk factors and symptoms than minimal-intervention control conditions, but indicate that effects are smaller for peer- versus clinician-led groups.

Stice, E., Rohde, P., Durant, S., Shaw, H., & Wade, E. (2013). Effectiveness of peer-led dissonance-based eating disorder prevention groups: Results from two randomized pilot trials. *Behaviour research and therapy*, *51*(4), 197-206.

**SPSS dataset:**

* Type of prevention program: peer-led, clinician-led, educational brochure
* Testing time: eating disorder symptoms average, 1-10 scale where low scores indicate fewer symptoms
  + Pre-test
  + Post-test
  + 1 year follow up

**Questions:**

1. Label the following:
   1. The between subjects factor:
   2. The repeated measures factor:
2. What is the dependent variable?
3. Run a two-way analysis.
   1. Include a homogeneity or sphericity test when appropriate.
      1. Did you meet the assumption? Why or why not?
   2. Include the omnibus ANOVA test box.
      1. Which effects are significant?
   3. Include the marginal means estimates and interaction means.
4. Run a simple effects analysis.
   1. Explain how you decided to run this analysis:
      1. Which comparisons did you decide to make?
      2. What type of follow up test did you use? Why?
      3. What type of correction did you use?
      4. What was the adjusted alpha/mean difference/critical value for your correction?
   2. Include output showing your tests for the simple effects analysis.
   3. Indicate which effects were significant.
5. Include a figure of the interaction.
6. Include a write up of the results of your study. Things to include:
   1. Brief description of the variables.
   2. Type of analysis used (i.e. ANOVA).
   3. Test statistics for both main effects and interaction.
   4. Test statistics for post hoc tests.
   5. List which type of error correction you used.
   6. A reference to your figure.
   7. Effect sizes for all statistics.
   8. Two decimal places for statistics.