**Exercise 5B: CREP Final Protocol/Proposal – V2**

*(15 points)*

**Due: 3/11 (end of lab).** Submit on Moodle.

**1. Brief Project Summary:** Please briefly state the research problem/question, the primary hypothesis, the primary methods, anticipated results, and the “bigger picture” importance of the research.

**2. The Argument: Rationale/Literature/Theory based reason for your Project. What’s the Gap?** Show us HOW your idea relates to or flows from previous research or theory. That is, tell us what you know from your reading so far and how that then leads to a gap that you intend to fill with your research. In other words, why are you doing your study – what’s your argument? Make sure to cite your references. *Think in terms of the following: Because of X, where X is probably something other researchers have found, and because of Y (ditto), and Z (ditto), we plan to do A (your general method) and expect to find XYZ (your hypothesis).* For more, *refer to Kail, ch. 5 – pp. 67-71.* This question is the most important one in the assignment. You should include information from the other articles you have read thus far (from article notes 1-5).

**3. Variables:** Now, considering the above, clearly identify your variables. Give me BOTH the conceptual variable (construct) and a clear operational definition for all variables.

Independent Variable 1:

Independent Variable 2 (if applicable):

Dependent Variable(s):

**4. Hypotheses (If you have it at this time).** Type your exact, specific hypothesis(es) here. Make sure the hypotheses) are phrased in terms of your variables, including the direction of expected effects. If you don't yet have a grounded hypothesis, include a general research question.

**5. All Materials -- exactly as participants will see them. What specific measures will you use?** \*\*Note: Because I likely will need to program several experiments in a very short timeframe, the more your group can facilitate that process, the better. Thus, think in terms of exactly what would you need to have in place to run the study. What would you need for Ps to see? In what order(s)? If timing is involved, how long for which stimuli? How many of each? What instructions should they be given? Details matter here.

a. IVs: Include within this document precisely *what your participants will see for your IVs*. If you are using images, include those within this document (on it’s own page if needed) exactly as your participants will see them. Use a different page for each level of the IV, if necessary (as in a b/t Ss design). Do the same if you are using a vignette, etc. Note. If you are using many images and a computer to present them, just note that here, but include a “mock-up” of a trial, just as participants will see it on the screen.

b. Measures: Attach all of your DVs, including scales exactly as you’d like Ps to see them. Let me know if they should be presented in a particular order, randomized, or what have you. *Again, you must include the exact items and label all scales (in proper format) just as you want Ps to see them. It will help me tremendously if I can just copy and paste them into the program.*

c. Additional items: Include any additional questions you plan to ask your participants, exactly as you want Ps to see them (e.g., demographic questions, manipulation checks (if needed), etc.)

d. How will you collect data? (e.g., print out forms? Need me to program something?)

**6. Procedures.** What kind of design will you use? How will you procedurally conduct the study? Give us a “play-by-play” here. Think replicability – what would I need to know to recreate your study if I knew nothing about it? Make sure to include any special control procedures you might need here (e.g., random assignment, counterbalancing, etc.) Use of bullet points is fine here – no need to use complete sentences or to be long winded. Include a cover story if you need it or instructions to Ps (that is, what will you tell Ps they are doing and why?).

**7. Results (predicted)**

1. What will need to be done to prepare your data for analysis? Will you need to create a composite measure? If so, of which items? Will you want to average or sum them? Will some items need to be reverse scored? If so, which ones? Remind us here of what a “high and a low” score means for your hypothesis.
2. Speculate on what your data would look like should your hypothesis(es) be confirmed. Use a matrix (a table), or *preferably, draw a graph or use excel to create one* using your speculative means or relevant descriptive statistics. **Your numbers should be consistent with your hypotheses (in item #4 above). For example, if you expect an interaction, the data/means should show that.**
3. What type of analysis do you think you will need to test your hypothesis(es) - e.g., correlations between variables? *t-test? ANOVA?*

**8. References.** List the references (in APA-style) you’ve used for this assignment.