**PSQF 6272 Clustered Multilevel Models Project Outline (3 points)   
Due Monday 10/13/2025 by 11:59 PM via ICON  
Revisions (if requested) Due Monday 10/27/2025 by 11:59 PM via ICON**  
Please submit this document (in .docx, .doc, or .rtf format) using this naming convention:  
PSQF6272\_Lastname\_ Firstname\_Outline  
If you are working with a partner, only one of you needs to submit this document.

The object of the course project (which will consist of this outline, a subsequent check-in, class presentation, and peer feedback) is for you to practice application of multilevel modeling to data you care about. I will be flexible about the kind of sampling designs your data include so long as there is a multilevel component to the analysis. Please answer the following questions within this document about the data and process you plan to use.

1. Are you working with a partner? Please provide their full name if so.
2. Presentations may be scheduled for December 2, 4, 9, and 11:
   1. Are there any dates for which you CANNOT present to the class in person   
      (i.e., you will be out of town or otherwise unavailable)?
   2. Do you have a preference for when you’d like to present? Please note I cannot guarantee that everyone’s preferences will be accommodated. If you don’t have a specific date but prefer to go earlier, middle, or later, please tell me that instead.
3. What are the dimensions of sampling within your data, and what is the range of “units” within each dimension? (e.g., how many occasions per person or cluster, how many persons within a cluster, how many clusters, how many items)? Are your sampling dimensions nested or crossed?
4. Your project should include 4–6 variables of interest. Please complete a row in the table below for each variable you plan to use (and below please provide further explanation if needed to understand your variables):

|  |  |  |  |
| --- | --- | --- | --- |
| Variable name and construct assessed | Measurement scale (range if numeric; what categories if ordinal or nominal) | Measured per what (e.g., per occasion, person, cluster, item) | Thinking of as predictor or outcome |
|  |  |  |  |
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|  |  |  |  |

1. What do you want to know with respect to these variables?
   1. Describe your research questions as best you can.
   2. What kind of model(s) do you envision? Please provide a preliminary description, and I will try to help you figure this out.