Project Part I Instructions for KIN 304W, Spring 2013

Project Part I Overview – Results Section

Working independently, each student will be required to write the **Results section** of a journal article based on the data analysis completed in the Week 5 lab (Friday, Feb 8, 2013). Project Part I **is due for 1st submission at the beginning of Tuesday lecture in Week 8 (February 26, 2013)** as a hard copy, black and white document.

Project Part I will be edited, graded, and returned to the student at Tuesday lecture in Week 10 (March 12, 2013). Each student will include the unmarked 1st submission of their Project Part I with the 1st submission of their Project Part II, due at the beginning of Tuesday lecture in Week 12 (March 26, 2013). Each student will then revise their Project Parts I and II and re-submit them at the beginning of the final exam (Thursday, April 18). Students must hand-in the marked 1st submissions of Project Parts I and II with the final submission on April 18.

Preparation of Project Part I

The Project Part I is to based on the data analysis you complete in the Week 5 lab (Friday, Feb 8, 2013). Each Project Part I should contain 4 sections, in order:

1. Title page
2. Text of the Results section
3. Table 1
4. Figure1

Page Format: Use 12-point font size, double-spaced text, and leave right margins unjustified (ragged). Start each of the following sections on a new page: Title Page, Results, Tables, and Figures. Number the pages consecutively, starting with the text of the Results. Do not number the Title Page. You may print single-sided or double-sided.

Title Page: On separate lines include: the assignment title "Project Part I"; a descriptive title (e.g., Effects of A on B); your full name; student number; course number and name; semester (i.e., Spring 2013); university; date of submission; and a word count for the text of the Results section.

Text: The Results section should be approximately 200-250 words. In three separate paragraphs describe the participant characteristics, the results for fall risk (PPA score), and the results for physical activity (MVPA). Include references in the text to Table 1 and Figure 1, as appropriate. Report participant characteristics as mean (SD) for continuous variables or N (%) for categorical variables. When reporting the results from the ANOVAs include means, SD, F statistics, degrees of freedom, and p values. When reporting the results from the t-tests include means, SD, t statistics, degrees of freedom, and p values. Report p values to 3 decimal points.

Table 1: Display participant characteristics as mean (SD) or N (%), as appropriate, separately for the mobile falls clinic group, the health education group, and overall (all participants). Include the following participant characteristics: age, sex, body mass index, number of medications, hypertension, and university education or

greater. Report p values from independent t-tests (comparing mobile falls clinic and health education) to 3 decimal places. Include the sample size for the mobile falls clinic group, the health education group, and the overall (all participants). You do not need to report t or df in Table 1.

The table should be double spaced and on a separate page. Label the table as Table 1 and supply a brief title (caption) at the **top** in **bold**. The table should be able to stand alone and not require reference to the body of the text for definitions. Type any legends and footnotes for the table immediately below the table. Units in which results are expressed should be given in parentheses in the first column of each row and should not be repeated in each cell of the table. Vertical lines should not be drawn. Please be certain that the data given in the table are correct. Columns of data should be centre aligned.

Figure 1 should include two separate plots. One plot should display mean physiological profile assessment (PPA) scores for the mobile falls clinic and health education groups at baseline, 3 months follow-up, and 6 months follow-up. The other plot should display mean daily minutes of moderate-to-vigorous physical activity (MVPA) values for the mobile falls clinic and health education groups at baseline, 3 months follow-up, and 6 months follow-up. Line graphs or bar graphs are both acceptable. Include error bars to show the standard errors associated with each mean. The Figure should be on a separate page. Label the figure as Figure 1 and include a title at the **bottom** in **bold** font; **make sure to indicate what the error bars represent**. The Figure should be able to stand alone and not require reference to the body of the text for definitions. The Figure should reproduce well in black and white as you will be handing in a hard copy of your project.

Deliverables

Project Part I **is due for 1st submission at the beginning of Tuesday lecture in Week 8 (February 26, 2013)** as a hard copy, black and white document.

Grading Scheme

The 1st submission of Project Part I (Results Section) counts for 10% of your final mark in the class. The 1st submission of Project Part I will be **graded out of 50**, broken down as follows:

Title Page	5 marks
Text of Results	20 marks
Table	10 marks
Figure	10 marks
Overall presentation, formatting, adherence to instructions, etc.	5 marks

Resources

The following resources are available to help you with your projects:

General information about writing all the components of scientific journal articles:
http://abacus.bates.edu/~ganderso/biology/resources/writing/HTWtoc.html

SFU Student Learning Commons offers drop-in and booked appointments for students to get help with writing. Their website also offers links to resources on academic writing.
http://learningcommons.sfu.ca/

You can see Dr. Mackey during her office hours, Fridays from 9:00 to 10:00 am, or make an appointment outside of office hours.

You can see Perveen Biln (Writer Marker) during her office hours (see course website).