Statistical Methods in Psychology II PSYC 300B 03 (CRN 22818)
Spring 2024: January-April

Territory Acknowledgement

We acknowledge and respect the lək̓ʷəŋən peoples on whose traditional territory the university stands and the Songhees, Esquimalt and WSÁNEĆ peoples whose historical relationships with the land continue to this day.

When and Where is Class?

Lectures	When: Mondays, Wednesdays, and Thursdays at 2:30-3:20pm Where: David Turpin Building A104 Note: Sessions in this course may be recorded and posted in Brightspace to allow students

Learning Goals

By the end of the course, you will…

Understand   Explain

Overview: This course will involve learning about and using the statistical software called R. You will use R to analyze data during Labs and for your Research Report. Note that every student is expected to conduct analyses themselves on their personal device.

Prior to arriving to your first lab of the semester:
1. **Laptop (preferred option)**: Download R (the programming language) and R Studio (the program to interface with R). Note that R and R Studio require two separate downloads and R should be downloaded prior to R Studio. **Tablet**: Sign up with a free account with posit.cloud. This is also an option for people with laptops that are not able to download and run R/RStudio onto their computer.
2. Watch the introductory videos available on the Lab Brightspace site.
3. Open a dataset on the device you will be using for labs. You will be expected to already know how to do this with your personal device on the first day of labs.

You will need an iClicker Personal Response System for in-person weeks. You can choose to purchase the iClicker Student app subscription or the iClicker device (new or used) at the bookstore.

iClicker device: Both the first and second-generation iClickers can be used. In order to earn participation points, you must register your iClicker using the following steps:
1. Log into the UVic portal (http://www.uvic.ca/)
2. Click on: My page
3. Student Services
4. Scroll down to Tools and Forms
5. Select iClicker
6. Enter your iClicker's serial number
7. Click submit

Note that iClicker serial numbers do not contain letter O's, only number 0's. For FAQ about the iClicker, see: http://elearning.uvic.ca/iclicker/students.

iClicker Student app: Here are the steps to acquiring the app and registering for the course:
1. Create an account (https://student.iclicker.com/#/login) with your campus email address and enter your correct V-number to the profile section.
2. Download the iClicker Student app iOS or Android app from your iTunes or Play Store.
3. Enter your access code (received when you purchase an iClicker Student app subscription from the store).
4. Log into your iClicker account using a web browser (access codes cannot be entered via smartphone or tablet apps). If you are using a smartphone or tablet, simply use the web browser on your device to follow the registration guidelines.

To continue onto registration: click the "Menu" icon in the upper left corner, select "Subscriptions", click "Polling", click "Enter Access Code", type in the code, and click "Submit".

What to Bring to Class to be Prepared

Lecture slides will generally be posted on Brightspace before classes and it is highly recommended to bring them to class.

Course Communication and Support

Behavioural Expectations

The University of Victoria is committed to promoting, providing, and protecting a positive, supportive, and safe learning and working environment for all its members and so am I. If you have any concerns regarding activities that are intrinsic to PSYC 300B, please see me in the first week of the term.

Respect for Diversity: It is my intention that students from all diverse backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit. It is my intention to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for

Tentative Course Outline and Schedule

WEEK	DATE	TOPIC	HOMEWORK/ QUIZZES
SECTION 1: HYPOTHESIS TESTING WITH 1- AND 2-SAMPLE DESIGNS, VARIABILITY EXPLAINED			
1*	Mon Jan 8	Course Introduction	*Independent prep for labs
	Wed Jan 10	Topic 1: Independent & Dependent Variables	HW/Quiz Topic 1 Due Jan 26
	Thu Jan 11	Topic 1: Independent & Dependent Variables	
2	Mon Jan 15	Topic 2: Hypothesis Testing – Related Samples Design	HW/Quiz Topic 2 Due Jan 26

Be Well

A note to remind you to take care of yourself. Do your best to maintain a healthy lifestyle this semester by eating well, exercising, getting enough sleep and taking some time to relax. This will help you achieve your goals and cope with stress. All of us benefit from support during times of struggle. You are not alone.

Counselling Services: Counselling Services can help you make the most of your university experience. They ss uniu9ps802 0 0 10.02 433.9

Copyright

All course content and materials are made available by instructors for educational purposes and for the

Policy on Academic Integrity including Plagiarism and Cheating

The Department of Psychology fully endorses and intends to enforce rigorously the **Senate Policy on Academic Integrity**. It is of utmost importance that students who do their work honestly be protected from those who do not. Because this policy is in place to ensure that students carry out and benefit from the learning activities assigned in each course, it is expected that students will cooperate in its implementation.

The offences defined by the policy can be summarized briefly as follows:

1. **Plagiarism**. You must make sure that the work you submit is your work and not someone else's. There are proper procedures for citing the works of others. The student is responsible for being aware of and using these procedures.
2. **Unauthorized Use of an Editor**. The use of an editor is prohibited unless the Instructor grants

Prerequisites

Students who remain in courses for which they do not have the prerequisites do so at their own risk.

This classroom is a trans-inclusive space

Please indicate if you have a preferred name and pronoun that you'd like to be used in the classroom. Please e-mail your instructor or your TA if you would like to discuss the climate of this classroom for trans students. Gender neutral bathrooms are available at UVic.

University of Victoria Students' Society (UVSS)

The **UVSS** is a social justice based non-profit run by students, for students and is entirely separate from UVic. As an undergrad student, you are already a member! We work on issues affecting students such as affordability, public transit, sexualized violence, sustainability, student employment, and much more. We fund clubs and course unions, and have several advocacy groups. We also have a Food Bank and Free Store, a Peer Support Centre, and run your health and dental plan. We are here to support you, so please reach out to us at uvss.ca!

Academic Important Dates

Spring session – second term (January – April)

Monday, January 1st	University Closed (Winter Break)
Monday, January 8th	Second term classes begin for all faculties
Sunday, January 21st	Last day for 100% reduction of second term fees for standard courses 50% of tuition fees will be assessed on courses dropped after this date
Wednesday, January 24th	Last day for adding courses that begin in the second term
Wednesday, January 31st	Last day for paying second term fees without penalty
Sunday, February 11th	Last day for 50% reduction of tuition fees for standard courses
Monday, February 19th	University Closed (Family Day)
February 19th – 23rd	Reading Break for all faculties
Thursday, February 29th	Last day for withdrawing from second term courses without penalty of failure
Friday, March 29th	University Closed (Good Friday)
Monday, April 1st	University Closed (Easter Monday)
Monday, April 8th	Last day of classes for all faculties