

Statistical Methods in Psychology I I PSYC 300B 04 (CRN 22819)
Spring 2024: January -April

Territory Acknowledgement

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

When and Where is Class?

Lectures: Wednesdays 12:00-1:30 PM in the Student Center, Room 1010

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.

Course Communication and Support

As a first step, you should always check the syllabus and the course website to find the answer to your questions. If you do have a question, there are several ways you can get help. Given that oftentimes multiple people have the same question, the professor will send out announcements to the class with

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 other students or student groups. In addition, if any of our course deadlines conflict with your religious events, please let me know so that we can make arrangements for you.

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.

Social Life, Friends, & Community at UVic: Having a social network is an extremely important foundation for positive mental health. There are lots of benefits to joining clubs, course unions, intramurals and teams on campus.
<https://www.uvic.ca/undergraduate/housing-student-life/student-life/index.php>

Counselling Services: Counselling Services can help you make the most of your university experience. They offer free professional, confidential, inclusive support to currently registered UVic students.
<https://www.uvic.ca/student-wellness/contacts/student-wellness-team/index.php#ipn-counsellors>

Health Services: The Student Wellness Centre also provides a full service primary health clinic for students.
<https://www.uvic.ca/student-wellness/contacts/student-wellness-team/index.php#ipn-physicians>

Copyright

All course content and materials are made available by instructors for educational purposes and for the exclusive use of students registered in their class¹. The material is protected under copyright law, even if not marked with ©. Any further use or distribution of materials to others requires the written permission of the instructor, except under fair dealing or another exception in the Copyright Act. Violations may result in disciplinary action under the [Resolution of Non -Academic Misconduct Allegations policy \(AC1300\)](#) or the [Academic Integrity Policy](#), whichever is more appropriate for the situation.

Course Experience Survey (CES)

I value your feedback on this course. Toward the end of term, you will have the opportunity to complete a confidential course experience survey (CES) regarding your learning experience. The survey is vital to providing feedback to the instructor regarding the course and their teaching, as well as to help the department improve the overall program for students in the future. When it is time for you to complete the survey, you will receive an email inviting you to do so. If you do not receive an email invitation, you can go directly to <http://ces.uvic.ca>. You will need to use your UVic NetLink ID to access the survey, which can be done on your laptop, tablet or mobile device. You will be reminded nearer the time, but please be thinking about this important activity, especially the following three questions, during the course.

1. What strengths did your instructor demonstrate that helped you learn in this course?
2. Please provide specific suggestions as to how the instructor could have helped you learn more effectively.
3. Please provide specific suggestions as to how this course could be improved.

Disclaimer

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 (cc) 1.6 (2) 1.6 (3) 2.6

Prerequisites

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

