SOC202HF (LEC 5101):
Introduction to Quantitative Research Methods
Fall 2020
University of Toronto

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Quercus: https://q.utoronto.ca/courses/183744

**PREREQUISITES**

The prerequisite to take this course is 1.0 SOC at the 100 level (SOC100H1 & SOC150H1 or SOC101Y1 or SOC102H1 & SOC103H1). Students without this/these prerequisite/s will be removed at any time discovered and without notice. These prerequisites cannot be waived.

**HOW WILL THIS CLASS WORK DURING THE PANDEMIC?**

Lectures will be online only. All tutorials will be online for the first four weeks of the semester. After the first four weeks, tutorials scheduled in-person will proceed in person and the tutorial section scheduled online synchronous will remain online. We will begin phasing in use of in-person lab tutorials for students enrolled in the in-person sections after week 4, as public health conditions permit. This means that as the class material becomes increasingly complex, opportunities for in-person support will increase as well.

**Lecture:** Wed 6-8pm—Lecture videos and required content will be available for students to review on their own each week (asynchronous). Scheduled lecture time may be used for office hours, optional enrichment activities, or group work. For students’ privacy these sessions will not be recorded.

**Tutorials:** Thurs: 2:30-4pm in-person and online & 4.30-6 p.m. in-person. In-person tutorials will be held in FE-36, 725 Spadina Ave. (basement) starting after week 4. Required demonstrations and other supporting material will be available online. Live sessions with student questions will not be recorded for students’ privacy.

Source: XKCD
Welcome to Sociology 202, Introduction to Quantitative Research Methods. This course presents an introduction to statistical techniques used in evaluating data in Sociology. While it’s important that you gain an understanding of the mathematical concepts behind the statistical analyses, it is of even greater importance that you leave this course with a conceptual understanding of where quantitative information comes from and how it is produced. This course is designed to teach you to think critically about data and methods. You will learn to use quantitative data to answer sociological research questions and evaluate your results for error, bias, validity, reliability, generalizability, and significance. In other words, you will be doing your own sociological research and, in the process, learning how to use, analyze and evaluate data in the world beyond. Throughout the course we will examine the underlying assumptions, strengths, and limitations of these techniques and focus on how they can help us better understand the social world.

Truth claims made with statistics are abundant and often have the quality of facts in social and political life. Unfortunately, because many people do not understand the statistics undergirding these claims, they receive less scrutiny than they deserve. It is my primary goal to ensure that you learn the basic statistical literacy that you need to be a smart consumer of information. Our increasing reliance on statistics to understand the social world means that statistical and analytic skills are marketable skills. In fact, statistics is one of very few classes that sociology majors take that provides them with concretely marketable skills. I believe that teaching statistical tools and techniques is a way of democratizing knowledge and its production.

**COURSE GOALS**

1. To demystify statistics so you can be a smart consumer of quantitative information.
2. To provide a solid foundation of quantitative skills that could serve as assets in the future.
3. To give you practical computer skills for data analysis.
4. Provide you with experience in working with real world data.
MIXED FEELINGS ABOUT TAKING STATS?
If you do, you are not alone. Statistics seems like a daunting subject to many students. You might feel apprehensive about taking this class if you haven’t practiced your math skills in a while or if you feel like math is not your strong suit.

For this class you are only expected to be familiar with basic algebraic operations. We will not use derivations and advanced mathematical concepts. What is more, statistics is not just about numbers! It includes more generally problem-solving, logic, and developing skills to communicate findings of statistical analyses to a broader audience.

HOW TO SUCCEED
Practice is key for developing your ability to solve problems and getting information out of a group of numbers. Mere memorization of the techniques is not a successful strategy for learning statistical skills. The weekly homework, the lab assignments, and the examples we will be tackling during class will provide many opportunities for you to practice: on your own, together with other students, and with the help of the teaching team.

Learning and mastering statistics (and getting a good grade in the class) requires spending a considerable amount of time outside of class on a regular basis working through the material and practicing the techniques. The material from every week builds on the content of previous weeks. It is crucial to seek help proactively and as soon as possible should you need clarification (see Communication & Getting Help).

LATE ENROLMENT
If you enrolled late in the class, please get in touch with me as soon as possible, so we can make sure that you have all the necessary information.

LEARNING COMPONENTS

Each week, you will find all the materials for the week packaged together on Quercus. This may include lecture videos, tutorial demonstrations, reading either in the text or available online, homework on Mindtap, surveys to complete, outside videos, interactive activities, assignments, or other content. Unless otherwise indicated, all materials assigned are required.

ONLINE CLASS LECTURES
All required lecture content will be available online each week. We will not meet in-person during lecture time and lectures will not be recorded live during class meeting times. Instead, material will be available for students to review and class time will be used for office hours, review sessions, group work, demonstrations or other enrichment activities as appropriate each week. It will be worthwhile to plan to engage with this class during the scheduled class time since there will either be activities or support available during this time. We recommend completing the readings and watching/ reviewing all lecture content before the scheduled class meetings in order to make the most of what is offered during this time.

TEXT
• Access to Mindtap is also required. With the purchase of the text, you will receive a password for MindTap, the online system this class uses for homework assignments.

Acquiring the Book:
The textbook is available at the U of T bookstore: Hard copy of textbook & MindTap access bundle for $131.95.

12 month Digital Book and MindTap access are available for $59.95. The U of T Bookstore provided this link for digital book purchases:
https://www.campusebookstore.com/integration/AccessCodes/default.aspx?bookseller_id=96&Course=STG+SOC+202+STATISTICS%3a+A+TOOL+FOR+SOCIAL+RESEARCH+12+MONTHS&t=permalink

If you choose to purchase a used textbook, you will need to also purchase MindTap Instant Access.

All other required readings, videos, and required content will be available on Quercus.

LAB/TUTORIAL SESSIONS
Lab/tutorial sessions will be held in multiple modes. Some students will attend lab in-person while others join remotely. Sessions will be held on Blackboard Collaborate for those joining remotely. Following the gradual return to campus model, all lab work will be completely remotely for the first four weeks of the semester. After that, we will begin to increase opportunities for in-person learning as the material becomes increasingly complex, public health conditions permitting. Video demonstrations of how to complete lab work will be available online and students should plan to review these before the start of lab. The instructor and/or teaching assistant will guide students through the lab work, provide additional demonstrations, answer questions, and provide support during lab/tutorial sessions. Though attendance is not required, we highly recommend that you join each session.

HOMEWORK ASSIGNMENTS
To reinforce course material, students will be required to complete seven homework assignments. These assignments will be available at 9am Mondays on the weeks they are assigned and can be completed until 11:59p the following Friday. That is, you will have a 111-hour window in which each assignment can be completed.

You will need to access MindTap for Healey/Statistics in order to complete the homework.

If you purchase the print textbook plus the MindTap printed access code, you will need the course key, MTPQJW8QPVKV, to enter the course. You would then visit the following website to access homework assignments: https://login.nelsonbrain.com/course/MTPQJW8QPVKV.

When homework assignment is given, you will log in using the ID and password you created during online registration. The website will contain short assignments that correspond with the textbook reading. After answering most questions, you will receive immediate feedback on your performance—i.e., you will know which questions were correct and which ones were incorrect. Most questions allow a total of three takes (please be aware some questions only allow 1 attempt). Your mark for the assignment will be based on the average of your attempts.
Because there is such large window of time during which assignments can be taken (9am Monday – 11:59pm Friday = 111 hours) and because assignments can be taken anywhere where an internet connection is available, there are no opportunities for make-up assignments.

**RESEARCH POSTER PROJECT**
The research poster project will be your opportunity to get your hands dirty doing original sociological research. It should reflect your interest in and understanding of the social world, as much as possible in this limited form. You will use real data and tested social science techniques to answer a research question and share the results in a well-designed poster containing visual displays of data and text describing research findings and analysis. For some of you this project may serve as stepping-stone to an independent study. If nothing else, I hope it will make you excited to come to class and to talk to your classmates and share ideas. Social Science research is not done in isolation; therefore, you will be expected to help each other throughout the process of data analysis and evaluation. Peer collaboration is a cornerstone of knowledge production and you will be expected to engage in this process with each other throughout the semester. This may sound intimidating, but I believe you will find it highly rewarding. You will have the option to work with one or two partners on this project, and we hope you will do so.

**DISCUSSION BOARD**
Throughout the semester you will have the opportunity to participate in an online conversation with a group of classmates. The discussion board is intended to help you get to know each other, ask questions, share information, and connect as you normally would in person. Guidelines for participating will be posted each week. Discussion board assignments will be worth 1 point each toward your overall grade points toward your final grade. You will earn .5 points for each post for up to 2 posts that meet the board’s guidelines and is posted in the specified time frame. This means that 2 posts per assignment are required and there is no extra credit associated with this assignment. Boards will close at 4pm on lecture meeting days so that the instructor can prepare to address board content during lecture time if needed.

**EXTRA CREDIT OPPORTUNITIES**
There are 2 opportunities to earn extra credit points in this class worth a total of 3 points toward your final grade. Students may combine elements of both opportunities to earn up to 3 total points.

1) **Engage in Public Sociology**: Write a sociological blog post of 200-300 words and post it to the appropriate spot on the Quercus discussion board. Posts should include a sociological analysis of an object you find, a pop culture event or artifact (TV show, song, magazine cover, etc), a news article or story, an interaction you have, or anything else that you encounter in the social world. You are strongly encouraged – though not required – to include quantitative information in your post along with pictures, videos, links to other blogs, websites, or other relevant digital media (posts that do not include quantitative information will not receive maximum credit). Posts that meet all the guidelines posted before November 1st may receive up to 2 extra credit points.

You may also receive up to 1 point for comments of at least 100 words made to other students’ posts by December 1st. Each comment will be worth as much as .25 points. It is possible to receive a total of 3 points toward your final grade (by writing a blog and commenting on others’ blogs) from this extra credit opportunity.

2) **Perform, draw, sing, or otherwise dramatize or depict a concept from the class in a medium that can be shared with your classmates.** This project may be done individually or in small groups. Projects
will be shared with the class and must be submitted in a shareable format before December 5th. Past projects include songs, videos, poems, and joke books. Up to 3 points may be added to your final grade, all projects accurately conveying a class concept will receive at least 1.5 points. An additional 1.5 points may be awarded for extraordinarily creative engagement with course material. In other words, even if you are not a creative type you can still take advantage of this extra credit opportunity.

### EVALUATION COMPONENTS

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Number of occasions</th>
<th>Due Date(s)</th>
<th>Percent Value</th>
<th>Total percent of Final Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>7</td>
<td>Sept 25, Oct 2, 9, 16, 30, Nov 6, 27</td>
<td>5</td>
<td>35</td>
</tr>
<tr>
<td>Lab Assignments</td>
<td>4</td>
<td>Oct 1, 29, Nov 5, 19, Sept 23, 30, Oct 14, 28</td>
<td>8</td>
<td>32</td>
</tr>
<tr>
<td>Discussion Board</td>
<td>6</td>
<td>Nov 18 Dec</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>Research Poster</td>
<td>1</td>
<td>Dec 9</td>
<td>27</td>
<td>27</td>
</tr>
</tbody>
</table>

100% (total)

Percentage grades will translate to letter grades as follows (standard university grade scale):

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Letter Grade</th>
<th>Grade Point Value</th>
<th>Percentage</th>
<th>Letter Grade</th>
<th>Grade Point Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100</td>
<td>A+</td>
<td>4.0</td>
<td>67-69</td>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>85-89</td>
<td>A</td>
<td>4.0</td>
<td>63-66</td>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>80-84</td>
<td>A-</td>
<td>3.7</td>
<td>60-62</td>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>77-79</td>
<td>B+</td>
<td>3.3</td>
<td>57-59</td>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>73-76</td>
<td>B</td>
<td>3.0</td>
<td>53-56</td>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>70-72</td>
<td>B-</td>
<td>2.7</td>
<td>50-52</td>
<td>D-</td>
<td>0.7</td>
</tr>
</tbody>
</table>

0-49 | F | 0.0 |

### COURSE POLICIES

**LATE WORK AND MISSED DEADLINES**

Homework assignments can be completed from anywhere with an internet connection and anytime between 9a on Mondays and 11:59p on Fridays, so there are no make-ups offered for these assignments.

Lab assignments are due before midnight following the tutorial in which we work together on them. Discussion board posts are due by 4pm before scheduled lecture times. The only exception for either deadline is a legitimate, documented reason beyond your control (e.g., illness, family emergency). In cases where there is no legitimate reason for being late, a 5% penalty will be added for each workday that a lab assignment is overdue. Make-up tests will only be given for legitimate, documented absences.

Please notify me promptly if you must miss a deadline and provide official documentation as soon as
possible. Under university regulations I am not required to give make-up tests or provide extensions if
the student informs me of her/his circumstance more than 7 days after the missed test or assignment
due date.

Three types of documentation are considered “official” when it comes to late work and missed
assignments:

1) If you are unable to turn in an assignment/or miss the test for medical reasons, you will need
to email me the instructor, not the TA, and also declare your absence on ACORN. Please note
that it is your responsibility to work ahead on your assignments, so a minor short illness days
before the due date is not an excuse for lateness.

2) For other reasons, such as family or other personal reasons, please contact your college registrar
and have them email me. A letter from Accessibility Services. This documentation is useful for
ongoing medical issues that require special accommodation.

ACADEMIC INTEGRITY
Academic integrity is fundamental to learning and scholarship at the University of Toronto. Participating
honestly, respectfully, responsibly, and fairly in this academic community ensures that the U of T degree
that you earn will be valued as a true indication of your individual academic achievement and will
continue to receive the respect and recognition it deserves.
Familiarize yourself with the University of Toronto’s Code of Behaviour on Academic Matters. This is the
rule book for academic behaviour at the U of T, and it is your responsibility to read this material and
comply fully with it: http://www.governingcouncil.utoronto.ca/policies/behaveac.htm
The University of Toronto treats academic integrity and academic misconduct very seriously. Academic
misconduct includes, but is not limited to:

• Sharing answers to assignments, including on social media, email, or in person
• Copying material word-for-word from a source (including, but not limited to the textbook,
  lectures, or study group notes), not placing the words within quotation marks and citing the
  source
• Submitting your own work in more than one course without the permission of the instructor
• Making up sources or facts
• Obtaining or providing unauthorized assistance on any assignment including having someone
  re/write or add material to your work
• Lending your work to another student who submits it as his/her own
• Letting someone else look at your answers on a test
• Falsifying or altering any documentation required by the University, including doctor’s notes
• Submitting an altered assignment/test for re-grading

GRADE APPEALS
Students who commit an academic offense face serious penalties. University policy requires cases of
academic dishonesty to be reported to the department chair and the university.
You find additional information on the university's rules and expectations about academic integrity here:
http://www.artsci.utoronto.ca/osai/students

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We do our very best to grade work fairly, consistently, and accurately. Nevertheless, one of us may unintentionally err in our grading duties. If you believe that your assignment or test has been mismarked, please adhere to the following rules:

- For simple mathematical errors, simply alert your TA of the mistake.
- All requests for re-grading tests or course assignments should be made to the person who graded your work. Please wait for 24 hours after the assignment has been returned to the class and submit your request within two weeks of that date. Requests submitted at a later date will not be considered.
- A short memo that clearly states specific reasons to justify the request and backs up these reasons with evidence from your assignment must be submitted to the person who graded your work.

If your appeal is deemed appropriate, the entirety of your test/assignment will be re-graded. Please note that upon re-grade your mark may go down, stay the same, or go up.

ELECTRONIC COMMUNICATIONS AND QUERCUS
The University of Toronto Quercus system will contain the course syllabus, assignments, discussion board, and course announcements. Students are responsible for the content of all course materials and for checking their official utoronto.ca email address regularly. Emails sent to the utoronto.ca email address on file are deemed to have been received.

STUDENT RESPONSIBILITY
You are expected to know the contents of the syllabus. Please consult the syllabus before emailing the TA and the instructor. And you are responsible for all the material covered each week, as well as announcements posted on the course website (make sure to turn on the notifications of your choice on Quercus).

All written work must be typed, double-spaced, with normal (approximately 1-inch) margins using 11-12 point Times New Roman, Calibri, or Cambria font. When you submit files, they should be in PDF, doc(x), txt, xls(x) files or another format that can be read by a text editor or word processing program. Written work will be submitted via the course website. On-line submission makes any formatting abnormalities painfully obvious.

All writing assignments should be submitted on the course website of Mindtap according to the deadlines outlined out for each assignment (see Course Schedule).

Students can expect work to be returned within two weeks unless extenuating circumstances dictate otherwise. Please consider that TAs, who grade much of the work, are unionized workers with rights, lives, and other demands on their time. Protecting their rights as workers requires giving them the longest reasonable grading windows practical within confines of the semester.

ACCESSIBILITY
The University of Toronto is committed to accessibility. If you require accommodations or have any accessibility concerns, please visit http://studentlife.utoronto.ca/as as soon as possible. If you are registered with Accessibility Services, please forward your accommodations paperwork to the instructor within the first two weeks of the course so that arrangements can be made.
EMAIL
Please use your University of Toronto email to communicate with me with regard to personal matters. Please feel free and encouraged to contact the instructors using the contact information provided on the syllabus. Please also include “SOC 202” and a brief description in the subject line. I will typically answer emails within 24 hours, during the workweek (i.e. Monday through Friday, between 9 a.m. – 5 p.m.). Keep in mind that for simple questions, email is the preferred method of communication. However, for longer questions, students should come to office hours. Please do not use the messaging tool on Quercus.

OFFICE HOURS
Since lecture time will often be used for office hours, additional office hours will by appointment only. Virtual office hours will be held using BlackBoard Collaborate. The first hour of office hours will be open for everyone to drop in. The second hour will be reserved for appointments. If you wish to schedule an appointment with the instructor, please use the appointment slots on Quercus Calendar: Click on the “Calendar” in the menu on the left-hand side, then go to “Find Appointments” on the right-hand side. Each slot is 10 minutes. If you need more time, you can book more than one adjacent slot and you may also book appointments as small groups. You can also leave a note about what you would like to talk about in the “comments” box.

Should all the slots for a given week be taken, please email me (sharla.alegria@utoronto.ca). Please include details about the nature of your meeting request and a list of dates/times when you are available in your message.

TECHNOLOGY REQUIREMENTS

SOFTWARE
IBM SPSS: Base Edition
SPSS is the statistical software package you will need to use to complete lab assignments. You can purchase an SPSS license through the UofT’s Licensed Software office (https://onesearch.library.utoronto.ca/ic/licensed-software). UofT has negotiated a special student price of $70.00 for a 12-month SPSS license, if you purchase through the link above. An SPSS license on your own computer is the easiest and most reliable way to access SPSS. You have two alternatives, however, if you choose not to purchase a license. First, you can access SPSS through the University of Toronto Libraries Remote Lab (https://cafstatus.icicle.utoronto.ca/remotelab/). This lab allows for up to 17 users at a time to connect to remote desktops using the U of T VPN. While this resource will provide access, it has yet to be seen how heavily used it will be—accessing a computer may be challenging since it can support only 17 users at a time. Second, SPSS will be available through remote desktop on the Sociology Department lab computers. (Details on this latter option will be made available after setup and testing is complete).

IMPORTANT: If you choose not to purchase an SPSS license and instead rely on one of the remote access alternatives, be sure to start your assignments early. Remote resources may be busy and technical issues can arise. Ultimately, you are responsible for completing your assignment on time.
CALCULATOR
You may find it helpful to have a simple calculator for this class, though you will have access to a computer during all assignments. I like the TI-30Xa, personally. It’s available for $13.29 on Amazon.

**COURSE SCHEDULE AND ASSIGNED READINGS**

Note: There will be no tutorial on Thursday September 10th.
*Please note that the course schedule may be subject to change at the discretion of the instructor and as necessary to meet public health and safety recommendations. Please be flexible and attentive to course announcements.*

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topic</th>
<th>Activities</th>
<th>In Person Tutorial Meeting?</th>
</tr>
</thead>
</table>
| Week 1 | Sept 14-20 | Introduction, level of measurement, basic descriptive statistics pt. 1 | **Read:** Healey et al. reading: Chapter 1 and Chapter 2 up to (not including) section 2.6 (pg. 52)  
**Complete:**  
- [Optional] Chapter 1 Homework (practice working in Mindtap)  
- Discussion Board 1 Opens (Due Week 2) | Online only |
| Week 2 | Sept. 21-27 | Basic descriptive statistics, pt. 2; central tendency and dispersion | **Read:** et al. reading: Chapter 2 (section 2.5 and onward) and Chapter 3  
**Complete:**  
- Discussion Board 1 Due Sept 23, 4pm  
- Homework 1: due Sept 25, 11:59pm  
- Discussion Board 2 Opens (Due week 3) | Online only |
| Week 3 | Sept. 28-Oct. 4 | The normal curve, z-scores, and probability | **Read:** Healey et al. reading: Chapter 4  
**Complete:**  
- Discussion Board 2: Due Sept 30, 4pm.  
- Lab 1 due Oct 1, 11:59pm  
- Homework 2: Due Oct 2, 11:59pm | Online only |
| Week 4 | Oct. 5-11 | From Description to Inference | **Read:** Healey et al. reading: Chapters 5  
**Complete:**  
- Homework 3 Due: Oct 9, 11:59pm | Online Only |
| Week 5 | Oct. 12-18 | Sample distributions, and confidence intervals | **Read:** Healey et al. reading: Chapters 6  
**Complete:**  
- Discussion Board 3: Due Oct 14, 4pm  
- Homework 4: Due Oct 16, 11:59pm. | Lab Open for in-person Q&A |
<p>| Week 6 | Oct. 19-25 | Introduction to hypothesis testing | <strong>Read:</strong> Healey et al. reading: Chapter 7 up to (not including) section 7.5, section 7.10, and Chapter 10 | Lab Open for in-person |</p>
<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topic</th>
<th>Read: Healey et al. reading: Chapter 11</th>
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<tbody>
<tr>
<td>7</td>
<td>Oct. 26-</td>
<td>Two sample hypothesis tests for means and proportions</td>
<td>Chapter 11</td>
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<td></td>
<td>Nov. 1</td>
<td></td>
<td>Chapter 11</td>
</tr>
<tr>
<td>8</td>
<td>Nov. 2-8</td>
<td>Measures of association and hypothesis-testing at the nominal level</td>
<td>Chapter 7 (section 7.5 and onward) and</td>
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<td>Chapter 8 (up to 8.10) and Chapter 8</td>
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<td>Chapter 7 (section 7.5 and onward, but</td>
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<td></td>
<td></td>
<td>not 7.10) and Chapter 8</td>
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<tr>
<td>9</td>
<td>Nov. 9-15</td>
<td>Reading week: No New Content</td>
<td>No</td>
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<tr>
<td>10</td>
<td>Nov. 16-22</td>
<td>Hypothesis testing with ANOVA</td>
<td>Chapter 12</td>
</tr>
<tr>
<td>11</td>
<td>Nov. 23-29</td>
<td>Hypotheses and measures of association at the interval/ratio level</td>
<td>Chapter 13</td>
</tr>
<tr>
<td>12</td>
<td>Nov. 30-Dec. 6</td>
<td>Testing hypotheses with multiple regression</td>
<td>Chapter 14</td>
</tr>
<tr>
<td>13</td>
<td>Dec. 7-13</td>
<td>Wrap-up</td>
<td>Chapter 14</td>
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</tbody>
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Complete:
- Discussion Board 4 Open (Due Week 7)
- Discussion Board 4: Due Oct 28, 4pm
- Lab 2 Due Oct 29, 11:59pm
- Homework 5: Due Oct 30, 11:59pm
- Lab 3 Due Nov 5, 11:59pm
- Homework 6: Due Nov. 6, 11:59pm
- Discussion Board 5 Open (Due Week 10)
- Discussion Board 5: Due Nov 18, 4pm
- Lab 4 Due Nov 19, 11:59pm
- Homework 7: Due Nov 27, 11:59pm
- Discussion Board 6 Open (Due Week 12)

Q&A
Yes
Yes
No
Yes
Yes
Yes
Yes
No

Week 13
Dec. 7-13
Wrap-up
No Class Meeting. Submit Research poster by Dec 9, 11:59pm
No