Instructor/TA Info

Instructor Information
Name: Ross Larsen
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Office Phone: 801-422-2637
Email: Ross.Larsen@byu.edu

Name: Shiloh Howland
Email: shiloh.howland@gmail.com

TA Information
Name: Susanna Fullmer
Office Location: MCKB
Email: susannatfullmer@gmail.com

Course Information

Description
IP&T/CPSE/745 will provide a thorough exposure and application of multiple regression analysis which is the foundation for a wide variety of subsequent statistical procedures including path analysis, factor analysis, structural equation modeling, and hierarchical linear modeling.

Prerequisites
IP&T 651/CPSE 651 or equivalent.

Materials
No materials

Learning Outcomes
Conceptual understanding and practice application of statistics
Focusing more on concepts than computation will allow us to cover more ground with more practice of each concept. By integrating the course with training in SPSS, students will be prepared to select and execute appropriate analytical strategies in their applied research and practice.

Demonstrate fluency
- All students will demonstrate fluency in SPSS commands and functions.
- All students will demonstrate fluency in interpreting SPSS output files.
- All students will demonstrate fluency in selecting the appropriate statistical analysis based on the research questions and the nature of the data.
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Demonstrate fluency
All Students will demonstrate the ability to analyze, understand, and critique multiple regression in a journal article.

Grading Scale

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<tr>
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<th>Percent</th>
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<tr>
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<td>93%</td>
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<td>A-</td>
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<td>B-</td>
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<td>D</td>
<td>63%</td>
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Assignments

Assignment Descriptions

Week 1 in-class practice
- Jan 06 Due: Monday, Jan 06 at 11:59 pm
  Dummy coding practice

One Minute Paper 1
- Jan 06 Due: Monday, Jan 06 at 11:59 pm
  Write one thing you learned from class today.
  Write one thing you are still confused from class today.
  Your writing will be shared with all at the beginning of the next class period.

Week 1 - Homework
- Jan 13 Due: Monday, Jan 13 at 11:59 am

Week 2 Quiz
- Jan 13 Due: Monday, Jan 13 at 2:30 pm
  This will be held in class. There is a 30 minute time limit.

P-value Quiz 1
- Jan 13 Due: Monday, Jan 13 at 11:59 pm
  1) Memorize and prepare to write down in class the definition of a p-value.

Week 2 in-class practice A
- Jan 13 Due: Monday, Jan 13 at 11:59 pm
  Centering of continuous variables

Sample Standard Deviation Quiz 1
- Jan 13 Due: Monday, Jan 13 at 11:59 pm
  1) Memorize and prepare to write down in class the Sample Standard Deviation.
  2) Prepare to do a sample standard deviation on a very small dataset by hand.

Week 2 in-class practice B
- Jan 13 Due: Monday, Jan 13 at 11:59 pm
  Interaction terms with centered continuous variables and dummy variables

One Minute Paper 2
- Jan 13 Due: Monday, Jan 13 at 11:59 pm
  Write one thing you learned from class today.
  Write one thing you are still confused from class today.
  Your writing will be shared with all at the beginning of the next class period.
Week 2 - Homework

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<th>Date</th>
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Week 2 - Homework

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<td>Jan 27</td>
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Week 3 Quiz

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<th>Date</th>
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<tr>
<td>Jan 27</td>
<td>Monday, Jan 27 at 3:00 pm</td>
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This will be held in class. There is a 30 minute time limit.

Reading Accountability Quiz 1

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<tr>
<td>Jan 27</td>
<td>Monday, Jan 27 at 11:59 pm</td>
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This Quiz will assess your readings up to this point. You should have read the following before today: Keith Preface; Keith Appendix B; Keith 6; Keith 1-3; and Keith 9

One Minute Paper 3

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<tr>
<th>Date</th>
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<tr>
<td>Jan 27</td>
<td>Monday, Jan 27 at 11:59 pm</td>
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Write one thing you learned from class today.

Write one thing you are still confused from class today.

Your writing will be shared with all at the beginning of the next class period.

Week 3 in-class practice

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<th>Date</th>
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<tr>
<td>Jan 27</td>
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Week 3 - Homework

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<tr>
<th>Date</th>
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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 11:59 am</td>
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Week 3 - Homework

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<th>Date</th>
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<td>Feb 03</td>
<td>Monday, Feb 03 at 2:30 pm</td>
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Week 4 Quiz

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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 3:00 pm</td>
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This quiz will be take in-class. You will have 30 minutes to complete it.

Formative Quiz (three types of regression)

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<th>Date</th>
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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 3:00 pm</td>
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To help you in understanding the three types of regression

Reading Accountability Quiz 2

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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 3:00 pm</td>
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</table>

This Quiz will assess your readings up to this point. You should have read the following at least once before today: Keith Preface; Keith Appendix B; Keith 6; Keith 1-3; Keith 9; Keith 5 and Keith 4.

Week 4 in-class practice

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<tr>
<th>Date</th>
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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 3:00 pm</td>
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Data Gathering Assignment

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<th>Date</th>
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<tr>
<td>Feb 03</td>
<td>Monday, Feb 03 at 3:00 pm</td>
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</table>
Report back whether you have a dataset (including a continuous dependent variable, and at least two independent variables) through either (a) any NCES dataset (e.g., ECLS-K, NELS), (b) data you have gathered yourself, or (c) data you have access to.

One Minute Paper 4

Due: Monday, Feb 03 at 11:59 pm

Write one thing you learned from class today.
Write one thing you are still confused from class today.
Your writing will be shared with all at the beginning of the next class period.

Week 4 - Homework

Due: Monday, Feb 10 at 11:59 am

Week 5 Quiz

Due: Monday, Feb 10 at 2:50 pm

Day 5 - Quiz. This will be taken in class and there is a 30 minute time limit.

Reading Accountability Quiz 3

Due: Monday, Feb 10 at 3:00 pm

Have you read Keith 5 before today?

Week 5 in class practice

Due: Monday, Feb 10 at 11:59 pm

One Minute Paper 5

Due: Monday, Feb 10 at 11:59 pm

Write one thing you learned from class today.
Write one thing you are still confused from class today.
Your writing will be shared with all at the beginning of the next class period.

Week 5 - Homework

Due: Tuesday, Feb 18 at 11:59 am

Day 5 - Homework

Week 6 Quiz

Due: Tuesday, Feb 18 at 2:30 pm

Day 6 - Quiz. This will be taken in class and there is a 30 minute time limit.

Week 6b in class practice

Due: Tuesday, Feb 18 at 11:59 pm

One Minute Paper 6

Due: Tuesday, Feb 18 at 11:59 pm

Write one thing you learned from class today.
Write one thing you are still confused from class today.
Your writing will be shared with all at the beginning of the next class period.

<table>
<thead>
<tr>
<th>Week 6a in class practice</th>
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<tr>
<td>Feb 18</td>
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<td>Due: Tuesday, Feb 18 at 11:59 pm</td>
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<table>
<thead>
<tr>
<th>Week 6 - Homework</th>
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<td>Feb 24</td>
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<td>Due: Monday, Feb 24 at 11:59 am</td>
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Even if you don’t see violations of equality of variance in the scatterplots, practice doing the Keith method (https://docs.google.com/document/d/1MD1OE7OMVFneVLkaulkJJaSwXgo8Z4kfy8r8z_IE4sL0/edit?usp=sharing) so that you can do it during the quiz next week. It’s time-consuming so practicing it over and over will help the quiz go better next week.

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<th>Week 7 Quiz</th>
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<td>Feb 24</td>
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<td>Due: Monday, Feb 24 at 2:30 pm</td>
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<table>
<thead>
<tr>
<th>Week 7 - Quiz. This will be taken in class and there is a 30 minute time limit.</th>
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<tbody>
<tr>
<td>Reading Accountability Quiz 4</td>
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<tr>
<td>Feb 24</td>
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<td>Due: Monday, Feb 24 at 3:00 pm</td>
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This Quiz will assess your readings up to this point. You should have read the following before today: Keith Preface; Keith Appendix B; Keith 6; Keith 1-3; Keith 9; Keith 4; and Keith 7 & 8.

<table>
<thead>
<tr>
<th>P-value Quiz 2</th>
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<tr>
<th>One Minute Paper 7</th>
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<td>Feb 24</td>
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<td>Due: Monday, Feb 24 at 11:59 pm</td>
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Write one thing you learned from class today.
Write one thing you are still confused from class today.
Your writing will be shared with all at the beginning of the next class period.

<table>
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<th>Beta Quiz</th>
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<tr>
<th>Sample Standard Deviation Quiz 2</th>
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<td>Feb 24</td>
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<th>Week 7 in class practice</th>
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Graphing nominal by continuous interactions

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<th>Week 7 - Homework</th>
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<td>Mar 02</td>
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<th>Graphing interactions: nominal by continuous</th>
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<td>Week 8 Quiz</td>
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<tr>
<td>Mar 02</td>
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<td>Due: Monday, Mar 02 at 1:05 pm</td>
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This quiz will be taken in-class on Monday, March 2.
For this quiz, you will submit your Excel spreadsheet to Learning Suite.
Using this [dataset](https://www.dropbox.com/s/7ktk1fmit97x7p/ATLsubset.sav?dl=0), you want to explain teacher perceptions of a student’s approach to learning in 4th grade (T4LEARN) using:

1. Male
2. Parent perceptions of a student's approach to learning in 2nd grade (P2LEARN)
3. An interaction term created between Male and Parent perceptions of a student's approach to learning in 2nd grade (insert this term in a second block)

Center any independent, continuous variables.
Run the regression with the three variables. In Excel, write the regression equation and graph the interaction.
Upload the Excel file with the Coefficients table, your regression equation, and your interaction graph.

**Beta Naught (B0) and Regression Quiz**

| Mar 2 | Due: Monday, Mar 02 at 2:50 pm |

Be prepared to interpret what $B_0$ (y-intercept or constant) means in a regression equation (i.e. when the [independent variables are 0], the predicted [dependent variables] is $B_0$.
Also be prepared to take output and turn it into a regression equation (i.e. Dependent Variable = Y-intercept + Slope(Independent Var) )

**Week 8 in class practice**

| Mar 2 | Due: Monday, Mar 02 at 11:59 pm |

**One Minute Paper 8**

| Mar 2 | Due: Monday, Mar 02 at 11:59 pm |

Write one thing you learned from class today.
Write one thing you are still confused from class today.
Your writing will be shared with all at the beginning of the next class period.

**Week 8 - Homework**

| Mar 9 | Due: Monday, Mar 09 at 11:59 am |

Graphing interactions: continuous by continuous and nominal by nominal

**Week 9 Quiz**

| Mar 9 | Due: Monday, Mar 09 at 2:30 pm |

This quiz will be taken in-class on Monday, March 9.
For this quiz, you will submit your Excel spreadsheets. You can upload separate spreadsheets for each problem OR submit them in the same spreadsheet. This assignment will accept multiple file uploads.

**Problem #1**
Using this [dataset](https://www.dropbox.com/s/8ii8mz8727q8kuz/Wk9fesjQ1.sav?dl=0), you want to explain scores on the FESJ assessment using:

1. Male
2. International status
3. An interaction term created between Male and International status (insert this term in a second block)

Run the regression with the three variables. In Excel, write the regression equation and graph the interaction.
Upload the Excel file with the Coefficients table, your regression equation, and your interaction graph.

**Problem #2**
Using this [dataset](https://www.dropbox.com/s/hzqysh6ccbhvi/Wk9q2.sav?dl=0), you want to explain scores on the MD assessment using:

1. Scores on the MA assessment
2. Scores on the FESJ assessment
3. An interaction term created between the MA score and the FESJ score (insert this term in a second block)

Center any independent, continuous variables.
Run the regression with the three variables. In Excel, write the regression equation and graph the interaction.
Upload the Excel file with the Coefficients table, your regression equation, and your interaction graph.

**Article Review**
Find an article in your field that uses Multiple Regression.
Prepare 5 Powerpoint slides in APA that you will present to class.
Slide 1: Title page with your name, and the reference to the article
Slide 2: Brief description of the theory of the article (why is the article interesting)
Slide 3: Discuss the assumptions of multiple regression and whether they are met in the article.
Slide 4: Show the table the authors provided that show the Multiple Regression results. Be prepared to interpret the results in context.
Slide 5: A brief discussion on the practical significance of the article and whether you are confident in the authors inferences. State the strengths and weaknesses of the article.

Individual Project

Find a secondary dataset (preferably in your field)
Analyze your dataset using SPSS or program of your choice.
Include a continuous outcome.
Include at least two Independent Variables.
Include at least One Interaction
Create a Powerpoint in APA style that includes up to 20 slides. You will present these results in class and answer questions during your presentation.
Below is a suggested slide composition:
Slide 1: Title page, include your name and the name of your project
Slide 2: Briefly describe the theoretical backdrop of your problem (why is your problem interesting?)
Slides 3-5: Show Raw Descriptives (Mean, Minimum, Maximum, Standard Deviation) of all your variables (excluding the interaction), a Histogram of your outcome variable and a bivariate correlation table of your variables after you have prepared the data (including the interaction)
Slides 6-9: Assumptions: Show your Residual plot, histogram of your residuals, Variance Inflation Factors, and discuss any potential outliers. (this may take more slides than 1).
Slide 10: Show a table of your output including, R-squared, Betas, Standardized Betas, Standard errors and p-values. Interpret your output in context.
Slide 11: Have a graph of your interaction whether it is significant or not. Be prepared to discuss.
Slide 12: Brief discussion on the significant of your results.
Submit to Learning Suite:
Your Slides
Your Data
Your Syntax
Your Output.

Final Exam Part I

The final exam part one. This part of the final covers the procedural tasks you should have learned in the class. The final exam will consist of three parts: (1) Procedural Fill in the blank (2) A miniproject (3) Conceptual opened questions This is an open book, closed neighbor exam.

Final Exam Part III

The final exam will consist of three parts: (1) Procedural Fill in the blank (2) A miniproject (3) Conceptual opened questions This is an open book, closed neighbor exam.

Final Exam Part II Ends

This is open-book, open-note (closed-neighbor).
Dr. Tolman has been studying factors related to happiness and has requested you run the analysis.
There are six variables that he has gathered data on for each participant: Wealth, Religiosity, Openness to Experience, Gender, Age, and Family Size.
He has reason to believe that there is a potential interaction between Family size and wealth, religiosity and family size, religiosity and openness to experience, Openness to experience and Gender, Gender and Age, and Gender and family size.
You are to turn in either a paper report or a slide show presentation that summarizes and justifies your conclusions, and shows clearly your work and thought process.
You will be graded primarily on the quality and clarity of your thought process, but the accuracy of your answer will also be taken into account.
### Point Breakdown

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<tr>
<td>Final Exam</td>
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<tr>
<td>Projects</td>
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<tr>
<td>Analysis Quizzes</td>
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<tr>
<td>Homework</td>
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<tr>
<td>Conceptual Quizzes</td>
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<tr>
<td>In Class Practice</td>
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<tr>
<td>Article Review</td>
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### University Policies

#### Honor Code

In keeping with the principles of the BYU Honor Code, students are expected to be honest in all of their academic work. Academic honesty means, most fundamentally, that any work you present as your own must in fact be your own work and not that of another. Violations of this principle may result in a failing grade in the course and additional disciplinary action by the university. Students are also expected to adhere to the Dress and Grooming Standards. Adherence demonstrates respect for yourself and others and ensures an effective learning and working environment. It is the university’s expectation, and every instructor’s expectation in class, that each student will abide by all Honor Code standards. Please call the Honor Code Office at 422-2847 if you have questions about those standards.

#### Preventing Sexual Misconduct

In accordance with Title IX of the Education Amendments of 1972, Brigham Young University prohibits unlawful sex discrimination against any participant in its education programs or activities. The university also prohibits sexual harassment-including sexual violence-committed by or against students, university employees, and visitors to campus. As outlined in university policy, sexual harassment, dating violence, domestic violence, sexual assault, and stalking are considered forms of "Sexual Misconduct" prohibited by the university.

University policy requires all university employees in a teaching, managerial, or supervisory role to report all incidents of Sexual Misconduct that come to their attention in any way, including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Incidents of Sexual Misconduct should be reported to the Title IX Coordinator at t9coordinator@byu.edu or (801) 422-8692. Reports may also be submitted through EthicsPoint at https://titleix.byu.edu/report or 1-888-238-1062 (24-hours a day).

BYU offers confidential resources for those affected by Sexual Misconduct, including the university’s Victim Advocate, as well as a number of non-confidential resources and services that may be helpful. Additional information about Title IX, the university's Sexual Misconduct Policy, reporting requirements, and resources can be found at http://titleix.byu.edu or by contacting the university's Title IX Coordinator.

#### Student Disability

Brigham Young University is committed to providing a working and learning atmosphere that reasonably accommodates qualified persons with disabilities. A disability is a physical or mental impairment that substantially limits one or more major life activities. Whether an impairment is substantially limiting depends on its nature and severity, its duration or expected duration, and its permanent or expected permanent or long-term impact. Examples include vision or hearing impairments, physical disabilities, chronic illnesses, emotional disorders (e.g., depression, anxiety), learning disorders, and attention disorders (e.g., ADHD). If you have a disability which impairs your ability to complete this course successfully, please contact the University Accessibility Center (UAC), 2170 WSC or 801-422-2767 to request a reasonable accommodation. The UAC can also assess students for learning, attention, and emotional concerns. If you feel you have been unlawfully discriminated against on the basis of disability, please contact the Equal Employment Office at 801-422-5895, D-285 ASB for help.

### Schedule

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<tr>
<th>Date</th>
<th>Column 1</th>
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<tbody>
<tr>
<td>Week 1</td>
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### Introduction

**Devotional**

### Class Overview Slides

**Remote Access SPSS**

Instructions on how to access SPSS through the remote server.docx  Download

**Accessing Citrix and using Kumo**

1. Accessing Citrix to use SPSS and Mplus (Note: There are two methods - web browser or desktop)
2. Connect cloud storage (Google Drive, Box, Dropbox, etc.) to Citrix via Kumo

**Decision Based Learning (DBL) diagram**

DBL Diagram and Links Final.pdf  Download

Active Website for DBL:
https://dbl.byu.edu/

**Conceptual:**
- Definition of p-value.pdf  Download
- Sample Standard Deviation

**Procedural:**
- How to Dummy Code a categorical variable
- Center and Dummy Variables (why).docx  Download

**Conditional:**
- Use DBL for in-class practice assignment #1

**Start looking for an individual dataset:**
- Distant Learning Dataset Training (DLDT)
- Education Data Analysis Tool (EDAT)
- EDAT User's Guide
- https://www.data.gov/

**Week 1 in-class practice**
M Jan 13 Monday  
DBL diagram updated  
DBL Diagram and Links.pdf Download  
One minute paper #1  
Type 1 and Type 2 Error Definitions.docx Download  
Dummy Variables (why).docx Download  
How to interpret your Dummy Variable Coefficients in Multiple Regression.  
Regression Assumptions.docx Download  

Procedural:  
- Center the Continuous IVs  
- Create Interaction Terms  

Datasets for class  
n=1000, stud & par_3.sav Download  

Week 2 in-class practice A  
Week 2 in-class practice B  

Week 3  
M Jan 20 Monday  
Martin Luther King Jr Day  
Week 4  
M Jan 27 Monday  
One minute paper  
You may be able to download SPSS to your own computer - go to software.byu.edu and look for SPSS on the left side. V26 is the current edition.  

Procedural:  
- Simultaneous  
- Sequential Hierarchical,  
- Combination of Sequential Hierarchical and Model Selection  
- Model Selection Techniques  

Week 3 in-class practice  

Week 5
<table>
<thead>
<tr>
<th>M Feb 03 Monday</th>
<th>Keith 4; Keith 9</th>
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<tr>
<td></td>
<td>Devotional -- Christina (Careful vs. Casual)</td>
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<tr>
<td></td>
<td>Formative Quiz (three types of regression)</td>
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<td>Week 3 - Homework Closes</td>
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<td>Week 4 Quiz</td>
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<td>Data Gathering Assignment Closes</td>
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<tr>
<td></td>
<td>One Minute Paper 4</td>
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<tr>
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<td>Reading Accountability Quiz 2 Closes</td>
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</tbody>
</table>

**Procedural:**
- **Linearity Assumption**
  - Squared term
  - Transformation

**Conceptual:**
- **Central Limit Theorem**
- **CLT Example.sav** Download
- **CLT Simulation Simple Code.sps** Download
- **Google Sheets Simulation Study**

**Week 4 in-class practice**

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<table>
<thead>
<tr>
<th>M Feb 10 Monday</th>
<th>Keith 5</th>
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<tbody>
<tr>
<td></td>
<td>Keith (p.195-200);</td>
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<td>Devotional -- Rory (Careful vs. Casual)</td>
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<td>Reading Accountability Quiz 3 Closes</td>
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<td>One Minute Paper 5</td>
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</table>

**Procedural:**
- **Assumption: Independence**
- **Assumption: Normality**
  - Normality: Transformation
- **Outliers**

**Conceptual:**
- **Central Limit Theorem**
- **CLT Example.sav** Download
- **CLT Simulation Simple Code.sps** Download
- **Google Sheets Simulation Study**

**Sampling distribution of the mean animation**
- **Geometric means**
- **Independence Assumption**

**Week 5 in class practice**

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<table>
<thead>
<tr>
<th>M Feb 17 Monday</th>
<th>Keith 7</th>
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<tbody>
<tr>
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<td>Week 6 - Homework Opens</td>
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<td>One Minute Paper 6</td>
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**Monday Instruction**
- **One minute paper**

Updated Variance Video:
- https://youtu.be/rxztCJJrxpA

Lack of multicollinearity:
- https://www.youtube.com/watch?v=XRNPJT3kT0

**Video** showing how log transformation of the dependent variable can fix a violation of equality of variances.

**Week 6a in class practice**
**Week 6b in class practice**

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<tbody>
<tr>
<td><strong>Monday Instruction</strong></td>
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<tr>
<td><strong>One minute paper</strong></td>
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- Updated Variance Video:
  - https://youtu.be/rxztCJJrxpA
- Lack of multicollinearity:
  - https://www.youtube.com/watch?v=XRNPJT3kT0

**Video** showing how log transformation of the dependent variable can fix a violation of equality of variances.

**Week 6a in class practice**
**Week 6b in class practice**
| Week 8 | M Feb 24 Monday | Resource for interpreting betas when transformations have occurred. | Keith 7; Keith 8  
Devotional -- Chris (Careful vs. Casual)  
One Minute Paper 7  
Week 6 - Homework Closes  
Week 7 Quiz  
P-value Quiz 2  
Sample Standard Deviation Quiz 2  
Beta Quiz  
Reading Accountability Quiz 4 Closes  
Week 7 - Homework Opens |
| --- | --- | --- | --- |
| **Procedure:**  
Graphing interactions  
- Nominal*Continuous  
- Step by step guide (nominal by continuous)  
Week 7 in class practice |
| Week 9 | M Mar 02 Monday | Procedure:  
One minute paper #8  
Graphing Interactions  
- Nominal*Nominal  
- Step by step guide (nominal by nominal)  
- Continuous*Continuous  
- Step by step guide (continuous by continuous)  
Week 8 in class practice |
| Devotional -- Rachel (Careful vs. Casual)  
One Minute Paper 8  
Week 7 - Homework Closes  
Week 8 Quiz  
Week 8 - Homework Opens  
Beta Naught (B0) and Regression Quiz |
| Week 10 | M Mar 09 Monday | Student Article Presentations  
One minute paper #9  
Concepts:  
Example of Individual Article Presentation  
- Aktekin_et_al-2001-Medical_Education.pdf Download  
- WWC_FAQ.pdf Download  
- 2017_03_01_Ross Larsen example article.pptx Download |
| Devotional -- Cecil (Careful vs. Casual)  
Article Review  
Week 8 - Homework Closes  
Week 9 Quiz |
| Week 11 | M Mar 16 Monday | Student Article Presentations  
Final Exam Part I Opens  
Final Exam Part III Opens |
| Devotional -- Susanna (Careful vs. Casual) |
| Week 12 | M Mar 23 Monday | Student Article Presentations  
Student Final Project Presentations  
Example of Individual Final Project Presentation  
- Ross Example Project Dataset.sav Download  
- 2017_03_01 Example Project first couple slides.pptx Download  
- 2017_03_01 Example Project Complete.pptx Download  
- Example Syntax.sps Download  
- Example Output.spv Download |
| Devotional -- Duane (Careful vs. Casual) |
| Week 13 | M Mar 30 Monday | Student Final Project Presentations  
Devotional -- Jessie (Careful vs. Casual) |
<p>| Week 14 |</p>
<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>M Apr 06</td>
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<td>Individual Project</td>
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<td>M Apr 13</td>
<td>Student Final Project Presentations</td>
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<td>Free trial of SPSS to use through the end of semester (so you’re not having to</td>
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<td>rely on Citrix)</td>
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<td>W Apr 22</td>
<td>Final Exam Part I Closes</td>
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