Navigation Guide for Course Website and

My Learning Space (MLS)

Using PS394 as an example

<u>1.</u> Accessing Course Resources

- A)Course Syllabus
- B)SPSS Software Introduction
- C)Statistics Review
- D)Course Notes
- E)Quiz Background Information

2. Accessing MLS quizzes

- F)Accessing Quizzes
- G)Obtaining Data
- H)Using Your Attempts
- I)Viewing Your Quizzes

3. Finding Help

- J) Using the Discussion Board
- K) Using MLS E-mail

4. Anything Else?

• L)Anything to be added



Next, click on your 'PS 394-Linear Models' in your course listings

\approx		News	
	VOLUNTEER NOTE-TAKERS NEEDED	1	
	Accessible Leaning centre is currently a	accepting volunteer note-taker application for fall 2011 courses!	
-	Gain experience to include on resume a	and Wilfrid Laurier Co-curricular Record	
	REGISTER today on MLS, go to self For more information: <u>www.wlu.ca</u>	 registration at the top of this page to apply. /alnotes 	
	See the attached document for a list of	courses which still need note takers for Fall 2011.	
	Attachment(s):	L1 Updated Oct 3rd (117.5 KB)	
		My Courses	E
formation asses,	Student TA		
rAs. profile	Fall 2014		
, address, ot wish to	Psychology		
	PS-394-A-B - Linear Models	\mathbf{Y}	
	153 Enter PS-394-A-B - U	near Models	
0 41 4		4h a 4 C and and 4 h h	
On the	Course nomepage, click on		
т ат		.ome Email Locker Calendar	
LAU	PS-:	394-A-B - Linear Models	
Course Here	nadian Excell, nce	liet I Chat I Links I Grades	
Course Holi	Content Discussions Diopbox Quizzes Class		
There are a		News	
- Linear Mod	dels		My Boo
	Events News Item	Ac	tions No book
:	Welcome	Ø	' 🛈 🛛 💼 🖬
			Current
Today			Role:
11:59 P	<u>Quizzes: Breast Cancer Quiz</u> M <u>5 - Quadratic Model -</u>	Welcome to Linear Models	
	availability ends		
Upcoming	J	<u></u>	
 I 			

Clicking 'Course Notes', will take you to the Course Homepage:

	My Home Ema
LAURIER	PS-394-A-B -
Course Home Content Discussions Dropbox Quizz	zes Classlist Chat
Table of Contents	
Table of Contents Print/Download	
📕 Bookmarks 🛛 🚚 Last Topic Visited	
Table of Contents	
Search For: Search S	how Search Options
1. Course Notes Module T. Course Notes 2. Statistics 2 minor module View topic	

×	PS 394 Linear Models in Psychology ON THE WEB
PS 394 OUTLINE Course Lectures & Information • Introduction to 394 • Spss introduction • WEBCT introduction • Second year statistics content for y • Week 1a • Week 1a • Week 2b • Week 2b • Week 2b • Week 3 • Week 4a • Week 4a • Week 5a • Week 5a • Week 5b • Week 6a • Week 6b	Brief Summary of Weeks
Week 7a Week 7b Week 8 Week 9a Week 9b Week 10 Week 11a Week 11b Week 11b Week 12 LABS FOR PS394-TRANSFOR Lab1Lab5Lab5 Lab2Lab5Lab1	MATIONS

On this page, you will be able to find i) the course syllabus, ii) an introduction to SPSS, which is the statistical software you will be using throughout the course, iii) statistics review information that you may find helpful, iv) the online textbook chapters, and v) the background information required to complete the in-lab quizzes.

A) Course Syllabus "Introduction to PS394"

-You can access the course syllabus from the following link:



automatically open into the pdf file:

B) "SPSS Introduction"

If you are having trouble using the SPSS statistical software, you can click the following link to access the SPSS instructions manual:



C) Statistics Review "Second year statistics content for your information"

During the course, you will be required to watch a number of statistics review videos, and run a number of statistics review Java simulations, which will provide the pertinent information.

• To access these videos, simulations, or to review material from the second year statistics course, click the link that is circled below on the website, or the link below in the MLS content page:

PS 394 OUTLINE	PS 394 Linear Models in Psychology ON THE WEB
Course Lectures & Information	Brief Summary of Weeks
Introduction to 394	
Spss introduction WEBCT introduction	
Second year statistics content for your	rinformation
Work 10	momadon
• Week 1h	
• Week 2a	
Week 2b	
• Week 3	UN.
Week 4a	Course Home I Content I Discussions I Drophox I Ouizzes I Classifiet I Ch
Week 4b	Course Home Concent Discussions Dropbox Quizzes Classifist Chi
Week 5a	Table of Contouts
Week 5b	Table of Contents
Week 6a	
Week 6b	📙 Table of Contents 🔚 Print/Download
Week 7a	
• Week 7b	
• Week 8	📔 Bookmarks 🚚 Last Topic Visited
• Week 9a Week 0b	101 177
Week 10	
• Week 11a	Table of Contents
• Week 11b	
• Week 12	Search For:
	⊐ 1. Course Notes Module
LABS FOR PS394-TRANSFORMA	I. 🕵 Course Notes
• Labl Labl	2. Statistics Review Module
• La02LaboLabiu	
• Lab3Lab1	I. as Statistics Review
- Labit	

Once inside the statistics review section, you will be able to find all of the statistics background information required from the second year stats course, as well as the simulations and videos needed to complete the review quizzes

EX: Ch 3. Simulation of the sampling distribution using the simulation package

For example, if you would like to refresh your knowledge about various aspects of the sampling distribution, you may find the following Java simulation helpful:

CHAPTER 3: PRODUCING DATA	
Key Words	
Internet	
Sampling design	Sa
SPSS Example One: how to select a random sample	
SPSS Example Two: sampling distribution of the mean - any populatio	n
SPSS Example Three: sampling distribution of a proportion - any popul	ation
Practise Assignment:	
please click on answers for questions and answers	
Answers	
Try this- Simulation of the sampling distribution using the simulation pa	ackage
11. The Question of Causation	
12. Experimental Design	
13. Blocking and Sampling	
14. Samples and Surveys	

As long as you have a 32- or 64-bit version of Java installed on your computer, you will be able to run these simulations. If they are not working for you, it might be advisable to try running them on one of the campus computers, which will definitely work properly. The simulations are fairly straightforward, and you can always contact your teaching assistant as soon as possible if you are having any trouble

EX: Ch 6 – Video 19: Confidence Intervals

In addition to the Java simulations, the review page also contains links to a video series titled "against all odds" that may also be helpful. For example, if you would like to better understand confidence intervals, you might want to check out the following video:

CHAPTER 6: INTRODUCTION TO INFERENCE	
Key Words	
Confidence intervals	
Power of test	
SPSS Example One: confidence interval simulation	
Practise Assignment:	
please click on answers for questions and answers	
Answers	
The this Simulation of the confidence interval using the simulation peakage	
Try this- Simulation of the confidence interval for a proportion using the simulation pack	age
View the VIDEOS-	
19. Confidence Intervals	
20. Significance Tests	

After you click the link the "Inside the Odds" videos website will open automatically:



Scroll to the bottom of this page and click on the "VoD" (video on demand) link to the right of section "19. Confidence Intervals"

Once you have clicked the link and the following pop-out video player will appear:



Note: If it does not open, make sure that your browser is not blocking it from opening as a pop-up

Course Notes

From the *Content* section in my learning space, you will be able to access the *Course Notes* link, which should eventually redirect you to the following webpage:



In addition to the *Chapter 8* file for *Week 5*, several of the weeks also contain instructions on how to complete the SPSS analysis for that week's quiz (ex. "Quad.pfd") Now, instead of opening a link to the chapter, this will open an instructions file on how to complete the SPSS analysis for that week's quiz, in this case "quad.pdf"

LINK TITLE	CHAPTER OR SPSS?	CHAPTER or SPSS CONTENT
Week 1a	Chapter 1	Looking at Data
Week 1b	Chapter 3	Relationships
Week 2a	Chapter 6	Inference
Week 2b	Chapter 7	Inference for Distributions
Week 3	Chapter 2	Relationships Continued
Week 4a	Chapter 7	Linear Model with Normal Error
Week 4b	SPSS instructions	Linear Model with Normal Error
Week 5a	Chapter 8	Polynomial Models & Matrix Notation
Week 5b	SPSS instructions	Quadratic Linear Model
Week 6a	Chapter 5	The Question of Interaction
Week 6b	SPSS instructions	Dummy Variables
Week 7a	Chapter 9	Linear Model with Several Variables
Week 7b	SPSS instructions	Multiple Linear Regression
Week 8	Chapter 11	Comparing a Sequence of Models
Week 9a	Chapter 12	Variable Selection Procedures
Week 9b	Chapter	Multicollinearity
Week 10	Chapter 10	Correlation
Week 11a	Chapter	Power for professionals
Week 11b	Chapter	Binary logistic regression
Week 12	Chapter	Piecewise linear regression

Textbook Chapters and SPSS Instructions – where to find them

D) Quiz Background Information

<u>The best way to access the background information and data you need for each quiz is to click</u> the links that are included in the first question of each quiz.

However, an alternative method to access the background information, you can click one of the links at the bottom of the course notes page.

ntive	PS 394 OUTLINE	
n,	Course Lectures & Information Introduction to 394 Spss introduction WEBCT introduction Second year statistics content for your information Week 1a	Brief Summary of Weeks
ne	Week 1b Week 2a Week 2a Week 4a Week 4a Week 4a Week 5a Week 5a Week 5b Week 5b Week 6b Week 7a W	

2. Completing MLS quizzes



You can access the quizzes by clicking on them in this section, or through the 'Quizzes' tab, which will bring you to this page:



You can only access quizzes in the 'Current Quizzes' section, which have their respective start and due dates listed. You will be provided a minimum of 7 days to complete each quiz from its start date.

G) Obtaining Data

When starting a quiz, there will be a link provided inside with:

-the background information [also available from the course webpage as described in section 'D']

Time L	eft: 0:29:00	
^	Note: It is recommended that you save your response as you complete each o	juestion.
	Question 1 (1 point)	
	Click here if you need to obtain a copy of the data and background for the gu	
5	The p-value in a test of hypothesis tells us	
ū, –	O the probability of the sample under the null hypothesis	
10	\bigcirc the probability of the sample under the alternative hypothesis	
15	🔘 the probability of the sample under the population m	• 🚱 Find • 🖾 🛖 🔩 🔄 1 / 4 💩 🐵 🖲 🖲 73.8% •
20	O the probability of the sample under the confidence in Save	Lab 3
	Question 2 (1 point)	1) One Sample t-test
	We use the t distribution rather than the z distribution to te	
	\bigcirc we know the standard deviation of the population and	Use the Degree of Reading Power (DRP) scores for a sample of 22
	<u>^</u>	students you entered in Lab 2. The researcher believes that the mean score
		of all third graders in this district is higher than the national average which
		is 31. Use the template in Example 1, Chapter 7 to help you test the
		suspicion and use your output to answer the quiz questions.
	*	2) Two Sample t-test
	<i>G</i>	

- And the data needed, either in .pdf format or as .sav SPSS file. Your TAs will help you with the appropriate SPSS analysis required to complete the quizzes (shown below i and ii respectively):

	Treatment Group	43	43		Ele Edit	S. General S Yew Data	ocial Survey. Iransform &	saw SPSS Di nalyze Graph	statiditor s Utilites S-f	This give of ea	varial s the a ach pe ne file	ole age rson	
	43	67	57	This repr	row resents a		2		<u>sum w</u>	-			
	61	62	49	pers	ion	\$#X	race 1	region 1.00	happy 1	life 1	sibs	childs 2	age
	44	57	56		2	2	1	1.00	2	1	2	1	32
	59	71	33		4	2	1	1.00	9	2	2	0	26
	52	49			7	1	2	1.00	2	0	7	3	45
	46	54				2	2	1.00	2	2	7	3	67
					11	1	1	1.00	2	1	6	0	72
				So d	loes 13	1	1	1.00	2	0	1	0	33
				this	one 16	2	1	1.00	2	2	7	1	33
i				ii	17 <> 0a	a View 🖓	1 visible View /	1.00	2 PSS Processor	0 is ready	4	1	

H) Using Your Attempts

You have 2 attempts for each quiz, each with a maximum time limit (of 30 min). The first attempt should be used to obtain the data and background information, as well as to copy (or print) the

questions so you can work through the quiz at your own pace. One way to extract the quiz questions on your first attempt is to copy the questions into a word processor such as Open Office or Microsoft Word. Just open the quiz on your first attempt, right click the screen and hit "select all", then right click again and hit "copy".



Next you can open a new document in MS Word, and simply hit Edit -> Paste, then make sure to save the word file somewhere you will be able to find it to work on it. Lastly, there will likely be one or more links at the start of the quiz, which will contain the background information or data required to complete it. Make sure you have all of these files downloaded, and your word file saved, then you may hit "Go to Submit Quiz" in order to end your first attempt.

After obtaining the questions and background information for the quiz, you can select responses for entering them in the second attempt. Alternatively, you could write down your answers as you work through the quiz during lab.



I) Viewing Your Submissions

After the quiz has been graded, your marks and the quiz answers will become available. Note that this will only occur after the date the quiz was due. To access your marks, click on the 'view submissions' option beside each quiz in the list.

iscussions | Dropbox | Quizzes | Classlist | Chat | Links | Grades

PS-394-A-B - Linear Models - Quiz List



You can also view the 'overall attempt score' (score and question feedback information only, no answers given) immediately following your second attempt by scrolling down after you hit 'submit':

View Feedback	
Question 22	0 / 1 point
Create a stem leaf plot with the given data and identify the leaf that corresponds to stem 13.	
O 6	
③ 3	
O 2	
0	
View Feedback	
Attem	pt Score: 1 / 22 (4.55 %)

3. Finding Help

There are a number of place that you can look to for help with the course. The following section explains where and how to find help when you need it.

K) Using the Discussion Board

The 'Discussions' section of MLS is not only a useful place to find important course updates and helpful hints but also an excellent way to communicate with both your peers as well as instructors.

Discussion topics are arranged chronologically so you will have to scroll all the way down to find the most recent post. You can click on a post in order to open it.

	My Home Email Locker Calendar	
I AI IRIE	FR PS-394-A-B - Linear Models	
LAUNI		
Course Home Conten. E	Discussions Dropbox Quizzes Classist Chat Links Grades	
Discussion Areas	Eordms & Topics List	
Discussions List	Forums & Topics List	
Settings	Display: All Forums and Topics D Apply	
Instructions	Title	
 The Discussions tool provides a place for users to communicate by posting messages into defined topic areas and responding to messages posted by other users. Discussions take place inside topics, where messages are posted, read, and replied to. Discussion topics are organized into forums, which are collections of related topics. Use this page to 	Default Forum Review SPSS 0 messages - 0 unread Hey all, Here's the PDF for the review SPSS Review SPSS Quiz 6 0 messages - 0 unread Hi all, This is especially pertinent to the Thursday 10:30 lab peopleas you know we had a problem with the content files in lab and we couldn't access the data for lab 6. As it turns out, we're extending the lab 6 deadline so we'll do lab 6 next week during our normal lab time and then you den't need to werry about it :) Rachel	
access discussion topics. • To enter a discussion topic, click its name.	Important! Email problems O messages - 0 urread Hi ali, When emailing, make sure you don't use the email in this system and you're actually using your laurier email. A bunch of you emailed me prior to the midterm with questions and although I responded, the server has only just now told me it couldn't respond to any of those emails so I apologize to anyone who did not receive a response from me! Again, please use your normal or mylaurience email address when emailing because it is not possible to respond to emails sent from within this system!	

This discussion post (right) contains an SPSS dataset (.sav file) that you can download by clicking on the link.

If you click on compose button you can post a reply. Both your classmates and instructors can see your post and also send you a reply. This way, you can get the help you need as soon as possible. (see below)



My Home Email Lo	ocker Calendar				
I AT IRIER PS-394-A-B - Linear Models					
Course Home Content Discussions Dropbox Quizzes Classlist Chat Links G	irades				
Quiz #5 dataset					
🔃 Compose 🛛 📩 Refresh 📄 Mark All Read 🛛 🖧 Show Search 🛛 🚱 Settings	😣 🖱 🗊 Compose - Quiz #5 dataset - Mozilla Firefox				
	😵 wlu.ca https://mylearningspace.wlu.ca/d2l/common/popup/popup.d2l?ou=3338 😭				
Hi everybody,	Compose - Quiz #5 dataset				
I have put together a dataset that you can use to run the stats you will need to complete					
<u>Quiz 5</u>	New Message Details				
Good luck!	Forum: Fall 2011 Welcome				
Jeremy	Topic: Quiz #5 dataset				
No management diselect	Subject: variables				
No messages to display	Message: Basic Advanced				
	°♥ B / U E = ∃ = = ⊨ 1 ≪ ■				
	Tey, I'm confused about the variable names in the dataset.				
	Can anyone clarify what Z_Quad_Age is?				
	Cancel				

To reply to a post, hit compose button and a new window will open (see above). Simply type in your reply in the box labeled "Message" and hit send.

J) Using MLS Email

You can also contact your instructors by email, which may be preferable when discussing private matters. There is an *internal* MLS email client, which you can use to contact everyone or just select individuals. Internal, meaning that you will not be able to send messages to your TA or instructor's personal e-mail addresses. Speak to your TA or instructor about which form of communication (i.e. personal e-mail, or MLS e-mail) they prefer.

You will find the emails you received in your inbox. When you click on a message, it will be displayed directly below

LAUKIEK PS-394-A-B - Linear Models								
Course Home Content Discus	ssions Dropbox Quizzes Classlist	Chat Links Grades	Surveys Edit Course Logou					
Folder List		Email: Message Folder: Inbox						
Inbox Sent Mail Drafts ITrash Address Book	Message List Compose	Refresh 🙀 Folder Management	Settings					
	Filter By: All Messages	Folder:	Inbox 🗘					
	Search For:	Search Show Search Options						
	🗆 🤠 🖻 (Move To 🗘	4	20 🛟 per page					
	🥊 🎚 From	Subject	Date v Size					
		Linear Models Midterm #1	Sep 23, 2011 1:43 PM 0.8 KB					
		sept 19, 21, 23 notes	Sep 23, 2011 11:28 AM 0.6 KB					
	Reply Reply All Fo	Message Preview orward 前 Move to Trash 🖃 Mark U tion	Inread 🚔 View Printable					
			(•(

Clicking the *compose* or *reply* buttons will open up a new window which will allow you to compose a new email or reply to existing one.

Just fill in the appropriate fields and hit send button in the window pictured below.

Compose New Message				
Address	Book		(4)	
To:				
Cc:			Ξ	
Bcc:				
Subject:	RE: sept 19, 21, 23 notes			
Priority:	Normal 🛟		\cup	
Message:	Basic Advanced			
	** ₿/∪ ₤≊∃≣ ∷;= *⊡‱			
(
Cancel		Save as Draft	Send	

You can also reach your instructors through their @mylaurier.ca email and/or arrange to meet with them in person during office hours. Be sure to speak to your TA to find out what their preferred means of communication is in order to obtain the quickest responses to your queries.

Tip: If your TA provides you with their @mylaurier.ca email address, then this is their preferred method of communication, so use this before using MLS email!

 *** Issues regarding absences and/or missed quizzes, midterm or final examination material must be dealt with through Dr. Gebotys, at <u>bgebotys@wlu.ca</u>
 Remember, keeping up to date with course material and getting help when needed will ensure you get *your* best mark possible in PS 394. ***