Syllabs(as of 824/18)

Cichello

BOSIONCOLLEGE Dept of Economics

Couse LectueLocation LectueTime Professo:Paul CichelloOfficeMalorey Hall, Room342PhoneX 20107 (better to enail)Email:paul cichello@ bc.edu

TeachingAssistants

BenjaminFeni (<mark>fenib@bcedt</mark>)

Medent 127

EC 1151 O2 Statistics

TTh1030-11:45AM

LiaYin (yirb@bced)

Carseoverview

The puppes of this cause is to become familiar with statistical correpts that allow us to better understand the world we live in Whether your goal is to run your own business, to nanege a geden and ing and, to some, amoging Yet, they are required for your to have the ability to apply

this statistical knowledge to new settings where you will encounter them The intuition baiQ here to

This cause will build your "statistical intuition" You will be expected to solve statistical publicus for the conect answer, explain the general principle behind the problem using technical notation, <u>and to be able to consincingly explain why a particular method works to some one who</u> has relatively limited statistical knowledge.

OfficeHours/Optional Sections*

PafessarCidtello	M10ammon, F1-230pm(Mel 312), orby appointment		
Benjanin	T* 7-8pm (Cushing 209)	W 5307pm (Malorey 340G)	
Lia	T 1230-2pm (Malory 335D)	Tht 78pm (Canpion30)	

Additionally, the Corrors Family Learning Center (in ONeill) has tutors available for you to consult

Textbook

Statistics for Business and Economics with MyStatLab (8thedition): Newbold, Carlson, Thome (Custom version of Newbold for ECON 1151 at Boston College.)

If you buy your textbock outside of the BC Boolstone, you will be able to buy access to MyStafLab for approximately \$100 (You can buy the standard version of Statistics for Business and Fooronics with MyStafLab (Schedition): Newbold, Calson, Thome Our "outcomversion" just omits some drapters to lower the price. The drapters/page numbers are identical to the standard version of the textbock)

Grading

Yarausegadevill bedsemindusing the following gadingschene

Lab(induinglabassigments):	15%	U
Participation (including graded public modes):	8 %	
10MinuteQ.izzes	9%	
Midem1:	17%	
Midem2(amlative):	17%	
Find Exam(amlative):	34%	

Mandatory Lab Sections

In addition to lecture, you will attend a laborne a week The lab work and assignments will be incorporated into your final course grade In the lab, you will learn how to use STATA a statistical software package and apply the correpts learned in lecture Details on how to access STATA will be presented in lab

ProblemSets

Date	Tqpic	<u>Chapter</u>
828	HowtoFast Track Your Career	1114
	Introductions, SummetionNotation	Ch1DW*
830	TheSI Jinx&whyalumi caritget their kids into BC	15, 16, 61; 21; (23)
	RegessiontoMean	
	Howdidyouchcose where to apply to college?	
	Howmachdoyouthinkyouvill make after college?	
	Descriptive Statistics Measures of Central Terriency,	
	Percentiles, and Histograns, (Weighted Means)	
94	Recentering (and rescaling) your world	22,24
	Vaiane, Standaddwiation, z scores	
	WhydoColleges care about SAT scores?	24,3133
	Why does BC pay the football coach some h?	
96	Areveindarger of the 3 rd thing???	
30	Covariance and Conduction	
	WhoisgoingtotheHomeconingConcert?	
	Probability Basics; Conditional Probabilities	
911	WhoisgoingtotheHmeconingConcert?WasRacea	3134
	Factor in Voting in Boston's 2013 Mayoral Race?	3435
	Conditional Probabilities, Independence, VernDiagrans	
913	Should we screen for breast cancer?	34,35
	Statistical Independence, Bayes Rule	
	Howdocasings makemoney? Why do insurance	

TentativeSchedule

9′18

10/11	ItalianFest! Business applicationw/Nomal distributions Return to Schlitz Marketing Campaign? Binomial as Nomal	53,54
10/16	Where are wearyway? Distribution of Sample Means from a Normal Distribution How to catch cheaters and shysters! From schools to sports to Wall Street to business Central Limit Theorem and Distribution of Sample Means	61, 62