

(FRQRPLFV  
2IILFH 5RRP

3URIHVVRU 'RQDOO  
ZDOGPDQ#FRORU

&RXUVH ,QIRUPDWLRQ

:HOFRPH WR (FRQ 7KLV LV DGI LUWDWIE R XULFN LZL S UKRDE  
LQWURGXFWRQ WR HFRQRPHWULWR SL\$S OQ FHDVRLQRCPM FZV C

3UHUHTXLVLWHV

7KH PRVW LPSRUWDQW ELDFWRU WRKLOV FWRUWK LQNDIEE OWUD  
DGGLWLRQ VWXGHQWV ZLOO ILQHGUMW HDGILQJ RILD WKHEU  
OHYHO RI KLJK VFKRRO \$OJHEUDXQ,XVGSDBUHQWPLDDOOHQGU  
WKLW FRXUVH EXW WKH\ ZLOO EHXULHQG W&DIOFRXOUKWHZLOO

7KH FRXUVH SUHUHTXLVLWHV DUH RI WKH IROORZLQJ  
( & 21 DQG  
0\$7+  
0\$7+  
0\$7+  
0\$7+ DQG  
\$330

,I \RX KDYH QRW WDNHQ RQH RI WKHVHZLOOVRXHW D\Z LFYD

,Q WKH ILUVW ZHHN RI FODVV

‡ 3OHDVH UH DG &DQLJOLD WKH FRXUVH WH[WERRN &K  
‡ ,I \RX DUH QRW DOUHDG\ FRPIRLWREOMH ZLWK8QLFYUFW  
D VLWH OLFHQVH WR WKH 06 211LHHSDFWDLVH RVRHQXLQ  
LQ :LQGRZV 3&V DQG VRPH ODFV DQGLWQLWKHYBODEO  
FRPSXWHU ODEV ,I \RX ZDQW KHFRPSQWMDOORQRLW R  
EXJEXVWHUV RU VHH

<http://www.colorado.edu/oit/services/messaging-collaboration/microsoft-office-365/help/proplus>

&RXUVH 2EMHFWLYHV

‡ 6WDWLWVLFV LV WKH VWXG\ RVLFDWRUWRXFDWQZR  
WKDW LV VEMHFW WR UDQGRPQHVM LVKWRPDMRYHRMKNHF  
ODQJXDJH PDWKHPDWLFDO V\PERVDFWRROV DQG WHFK

‡ 6WDWLWVLFV LV WKH EXLOGLQHESSEINFWRHRRQRIPHV  
U RI ÀÀ] Q€À•0:LQGKH V SEXJE RQD0`€00°

/HFWXUHV 5HFLWDWLRQ :RUN /RDG

7KHUH ZLOO EH WZR OHFWXUHV ZHHNORP PHHWLRQJ 7XHVG  
S P LQ %(6& %HQVRQ (DUWK 6FLHQFHV URRP

,Q OHFWXUH , ZLOO FRYHU PRVW VEXWQHUV ER MW KEHX  
DGGLWLRQ VRPH WRS LFV WKD WHDW R QR DUU Q UH D DW HIG W K FV  
UHDGLQJ WKH WH[W EXW LW LV XQ RW H G W DLU D W O D S S O R N V Z  
HFRQRPLFV P X F K E H W W H U E \ D W Z H L O G L I Q J O S H F R X U U F O D V , Q  
E \ E H L Q J S D U W R I W K W L R Q X S X D V O D D E R T F W U J E R Z R U N L  
LQ OHFWXUH H[HUFLVHV DQG LQ RWKHU ZD\V

,Q DGGLWLRQ WR WKH OHFWXUH WRN VRORZGLQH UHHLWD

1XPEHU	'D\	7LPH	5RRP
7		2	+801
7		2	+106
7+		2	+801
7+		2	+801

,Q UHFLWDWLRQ PDWHULDO ZLOVEDHQSUSVREOHFHG UHWHY  
 DGGLWLRQ ([FHO SURJUDPPLQJ DQWLRQLW ZLOO QEMHG U  
 RI WKH FRXUVH 7KHUH DUH PRUHLWVQRQ VWXGHQWVW  
 WR OHDUQ RQH RQ RQH 6LQFH KRZ ERORUHHFRPYSURXUV  
 VXDO WKUHH FUHGLW FRXUVH UHFLWDWLRQ DWWHQGDC

7R SDVV WKLV FRXUVH \RX PXVW DWWHQG DW OHDVV

,Q P\ H[SHULHQFH IRU D VWXGHQJWRZKWK DYHUDJH P  
 DGGLWLRQDO ~~Probability~~ WZR KRXUV QGZRONERXW TXLU  
 DVVLJQPHQWV LQ RUGHU WR IXOOLXQSRXUVWHDQW DUKWVFR  
 IDLUO\ EDVLF FRQFHSWV EXW GRQWFRSHWXDQLDVBLVOHD  
 PDWKHPDWLFDO ULJRU LQFUHDVH DV WKH VPHVWHU SUR

&RXUVH 2XWOLQH

7KH FRXUVH ~~Probability~~ V ZLWK statistics FRQLQXHV ZLWK  
 econometrics DOO WHUPV WR EH GHILQH

7KH IROORZLQJ LV D OLVW RI VHKLURQHVFRONFRYKHLWHGLU  
 EH XVHIXO WR \RXUWRLQHWKZK WUHHKDISUDLVWDXKDW H FV FRX  
 SUHYLRXVO\ EXW , H[SHFW LW ZLXOXDWYKQVSRQWPHDC

Section 1

- ‡ 5HVHDFK LQ <sup>3</sup>+DUG´ DQG <sup>3</sup>6RIW VFLHQFHV
- ‡ 6XPPDWLRQ QRWDWLRQ
- ‡ ,QWURGXFWRQ WR SUREDELOLW\ \$[LRPV 9HQQ GLD.
- ‡ \$GGLWLRQ DQG FRPSOHPHQW UXOHV RI SUREDELOLW\
- ‡ &RQGLWLRQDO SUREDELOLW\
- ‡ 7UHH GLDJUDPV
- ‡ ,QGHSHQGHQFH DQG PXWXDO H[FOXVLYLW\
- ‡ %D\HV ODZ
- ‡ 8UQ SUREOHPV
- ‡ %D\HV /DZ IRU SDUWLWLRQV

Section 2

- ‡ 5DQGRP YDULDEOHV DQG SUREDELOLW\ GLVWULEXWLRQ

‡ 'LVFUHWH UDQGRP YDULDEOHV WKH SUREDELOLW\ PD  
‡ %HUQRXOOL ELQRPLDO DQG 3RLVVRQ UDQGRP YDULD  
‡ 0DWKHPDWLFDQ H[SHFWDWLRQ  
‡ ([SHFWDWLRQ RI D IXQFWLRQ RI UDQGRP YDULDEOHV  
‡ &RQWLQXXV UDQGRP YDULDEOHV WKH SUREDELOLW\  
‡ 7KH SRZHU H[SRQHQLDO DQG VWDQGDUG QRUPDO G  
‡ %LYDULDWH PDUJLQDO DQG FRQGLWLRQDO GLVWULE  
‡ &RQGLWLRQDO H[SHFWDWLRQ DQG YDULDQFH  
‡ &RYDULDQFH DQG FRUHHODWLRQ

*Section 3*

‡ 7KH JHQHUDO QRUPDO GLVWULEXWLRQ  
‡ )URP SUREDELOLW\ WR VWDWLWLVFV SRSXODWLRQ D  
‡ 6DPSOLQJ WKHRU\ WKH GLVWULEXWLRQ RI WKH VDPS  
‡ 7KH &HQWUDO /LPLW 7KRUHP  
‡ 7KH FKL VTXDUHG GLVWULEXWLRQ  
‡ 3RLQW HVWLPDWLRQ  
‡ 8QELDVHGQHVV DV D SURSHUW\ RI DQ HVWLPDWRU

6LQFH WKHUH LV QR GLVN RU NHV RFR DXW O B FZL W KS W E O V VE  
VLQFH WKHUH LV RQO\ RQH HGLW DRQ ZDQR SXVHGKFRS H LW  
EHHQ XVHG IRU W W B O R X P H O X D W H B Z H E T O D V W W H Y M E D V \$

7KH\ ZLOO EH FRPSRVHG RI TXHVWLRQV RI WKLW HDW HZ[HWO  
DGGLWLRQDO TXHVWLRQV

‡ 7KH ILQDO H[DP LV FXPXODWLYH WR EH JL\$HPQ RQ 7XH  
\$GGLWLRQDO QRWHV RQ WKH SUREOHP VHVV

‡ <RX PXVW DQVZHU DOO H[HUFLVHV EXW QRW DOO ZLOO  
‡ 2Q VRPH SUREOHP VHVV WKHUHU ZLOO DEEHFDQ (7WHU  
DUH WUXO\ H[WUD FUHGLW WKH FODDQ RQV\ WKHL VHQGRU W  
ZLOO FDOFXODWH JUDGHV IRU HYMUD VWXGHQWS ZRWGRW  
, ZLOO UHWXUQ WR P\ DVVHVVPHQW V SXHGHQWKV HZWRDQBY  
DQG DW OHDVW VRPHWLPHV VXFFHVMXODFDWOLHP SWRG O

3SUREOHP VHVV DQG TXL] GHGOLQHVSRODGLQJ FHOO SKR

‡ /LNH PDQ\ FRXUVHV EXW XQOLNH FRXUVHV WKLW WRS  
FRXUVH LV VHTXHQWLDQ LQ QDWXUH OLKHDW EM XQXQWBO  
XQOHVV 7XHVGD\ V PDWHULDQ KDV EXHQH PDWV G HGJ PDKV  
HDVLHU DQVZHUV WR TXL]]HV DQ SUREOHP OHDWV UOWK  
GDWH DQG WLPH 7KLV PHDQV VWUJ]FW GGG SOLRCH PRVH

‡ 7KH ORZHVW SUREOHP VHVV VFRUH GDRSSWGH OIRZHQV  
WKLW SROLF\ WKH IDFW WKDW VROXWU RQKHZD OOL EGPSRW  
DQG WKH LPSRUWDQFH RI NHHSLQQR SDVW HSWHREDMF ULHM  
TXL]]HV ZLOO EH DFFHSWHG

6XFFHVVIXO VWXGHQV HLQHQILUD ODXUR\ODRZHG WHQW UH  
‡ UHYLHZ \RXU QRWHV VRPHWLPH DIXUVODHFWXUH EXW  
‡ ZRUN ILUVW RQ JDKE SUREOHP OHDWV UOWK XUV G DV WIVSHF  
DSSOLHV WR VWXGHQWV ZLWK 7KXUVGD\ DIWHUQRRQ U  
WDNH WKH RQOLQH WLPHG TXL] E\ 7XHGD\ V OHFWXUH  
ILQLVK WKH SUREOHP VHVV E\ 7KXUVGD\ V OHFWXUH

1RWH \RX PD\ ZRUN WRJHWKHU RQ+ SUREOHP OHDWV V W XIGH  
PXVW KDQG LQ WKH ZULWWHQ SUREOHP VHVV VROXWLRQV

‡ &HOO SKRQH ODSWRS SROLF\  
BB  
Notice for students with disabilities

,I \RX TXDOLI\ IRU DFFRPPRGDWLRQV V XEPDWWWRP B GLOHD  
IURP 'LVDELQW\ 6HUFLFHV LQ D WLOHON DGGQHVVWV WKE  
'LVDELQW\ 6HUFLFHV GHWHUPLQHVHDFGRFEGOMWLRQW E  
&RQWDFW :LOODUG DQGLVZV HRYOLFHDGR ('8

