	N8381							
	Julia Nelson Homer por 5		^					
	"I pleasem & home and home	2 0 1	Oc	tapes 20	25010			
8	The Stevens Homes	apide	d by					
	"I pleagerny honor and I have stevens Honor System"	Julia Je	bon					
	Problem 9.37	•						
	Stratum Sampled Claims	# Not a	110000					
	swall 2±	6	1100000					
	Medium 17 Large 5	5						
Rate part	(a) small 57-6=51	- y	W.					
	Med 17-5=12 Larg 5-1=4 Frequencies (doses							
gr orten.	+ (364) (344 ) (346)	ned counts)						
	Claims:							
	Stratum # Allow	d #1	beAlone	Total				
	Small 51	W FEREY	6	57				
	Hedium 12		5	17				
	Large 4	60.96	L	5				
	6 small:	1	2	79				
	6/57=0.10526							
	=10.53% small	(C) comb	ne Med	+ Large	to get			
	=10.53% Small Claims Not allowed	8mall	#Allanes	#N00	Total			
	Med:	Meal	16	6	57			
	5/17=0.294118	Tocal	67	12	79			
	\$ 29.41% Medium claims Not allowed	11/2 20	hi					
	Large	#= 1	3 MILE	because	se the			
	1/5 = 0.20	41 Ca	s allows	id for L	enge.			
	18 < 5 source must							
			ing to	0				
	= 20% Large Claims Dot Allowed	Comb	me wa	erorm	9			
1,000	Lot Allawed			ce Test				
(176)	Got Allowed	sign		ce Test				
(176)	(d) Ho: There is No connection b/w	Sign	irican					
(1000	(d) Ho: There is No connection b/w Stratum Size and #Allowse	sign d or Ho	iRicano t	ce Test				
(16)	(d) Ho: There is No connection b/w	sign d or Ho	iRicano t	ce Test				
(500)	(d) Ho: There is No connection b/w Stratum Size and #Allowse	sign d or Ho	iRicano t	ce Test				
	(d) Ho: There is No connection b/w Stratum Size and #Allowse	sign d or Ho	iRicano t	ce Test				
(100)	(d) Ho: There is No connection b/w Stratum Size and #Allowse	sign d or Ho	iRicano t	ce Test				

		32 SMALL 003 W 1810 -
<b>E</b>	Allasca	la hor
expected = sr	NBI 79 = 4834177	12.57 = 8.6587274848
	-ted 67:22	
	79 - 2	12×22
	arge 18.65822785	3.341772152
the entered Land	3	
	7416	
127 5 ho	fen:	Ar-real h
6002	2 (57-48.34/77215)2	(6-8.6587274848)2 (16-18.65877857 (1-321127787)
	X = 48.34177215	+ (6-8.6382211848)2 (16-18.65822785)2 (6-3.34177782)2 
	- 2 4/	2095+6.8161225849+6.378716354+2.114499424
10-10 barrolli, vi den	3.4555	09539
Test Stat:	x2 = 3.4555	
	0	
I PE	10 2012-1	- P/2-1/2/ - P/ 22
91	(2-1)(2-1)=1	P(x27/2) = P(x273.45551)
	*** DATE:	T=0.0630
Problem 9.38	3	Fail to Reject Ho
SALE STATE OF THE STATE OF THE SALE OF THE		
liams (S)	53, 64, 70	2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
3.	342 × (=== == == =========================	7.7894737 = [351.79]
	(51) 55	1. 1011751 = 351.79
Med		SM-PS.G. C.
2	46 * (5) = 72	35294118 = 72.353
Large		
	8 = (15) = /11.6/	
	0 (5) - /11,6	C1.C . St.
R	7 6 20	and a product of the control of the
(b)		
95% conf	-> 2º- 1.96	10 - 10/100
Marg SMAN E	2/91/(6/52)(1	(452)) Large E= 1.96 ((1/6)(1-(1/5)))
000	7 1.96 ( (6/57) (1-	(457)),
Die .	= 0.07967	= 4 00
		=0.350615
	15	1=0.3506
Med == 1.9	6 (5/17)(1-(5/17))	0.3300
- 0.9	116599	
1 0.3	216599	
	A A CONTRACT OF THE STATE OF TH	

	Problem 9.50					
		mple - 500	From Toble A:	E Expected		
	Catagories Sal	counts:		→ ×500 = 137.12656		
	②X>-0.6 3X4-01		6.19592	×500 = 92.9595		
	S X> -0.1 AX ≤ 0.1	41	0.07966			
	0X7 0.1 X60.6			~ >500 = 92.9595		
	€ MMX > 0.6	140	0.27425	1200 = 42.4595 137.12656		
				7,13		
	Categories	X 2				
	(13	9-137.12656)2/(13-	7.12656) = 0.	0255951687		
		2-92.9595)2/(92.9	5980 = 6.8	1792028899		
		- 39.82784)2/(39.9				
		3-92.959502/(925				
	(5) (140-13712656)2/(137.1265C)= 0.0602/1949 +					
1	≥ → 3.406869705					
	df=75-1=4 = 3.407					
	$P(\chi^2 > 3.407)$					
	0.9997/2-6.49985					
		49985 > X=0.0	os > Not Gra	od Fit		
		49985 > Q=0.0		od Fit		
0	0.	TableA:	× 500 = 12	evred 21.775		
0	(x \le - 0.7) 102	TableA:	× 500 = 12	evred 21.775		
	$(x \le -0.7)$ 102 $(0.74 \times 4 -0.3)$ 96	0.24355 0.14045	×500 = 72 ×500 = 7	evred 21.775		
0	$(x \le -0.7)$ 102 $(0.74 \times 4 -0.3)$ 96 $(-0.34 \times 4 -0.3)$ 106	0.24355 0.14045 0.2322	×500 = 12 ×500 = 7	21.775 1.25 116		
6	(0.7 $(x \le -0.7)$ 102 $(0.7(x \le -0.3)$ 96 $(-0.3(x \le 0.3)$ 106 $(0.3(x \le 0.7)$ 92	0.24355 0.14045 0.2322 0.14045	×500 = 72 ×500 = 7 ×500 = 7	11.775 (),225 11.6		
© 3 9	$(x \le -0.7)$ 102 $(0.74 \times 4 -0.3)$ 96 $(-0.34 \times 4 -0.3)$ 106 $(0.34 \times 4 -0.7)$ 92 $(0.74 \times 1)$ 104	0.24355 0.14045 0.2322 0.14045 0.24355	×500 = 12 ×500 = 7 ×500 = 7 ×500 = 70 ×500 = 12	11.775 (),225 11.6 1.775		
© 3 9	$(x \le -0.7)$ 102 $(0.74 \times 4 -0.3)$ 96 $(-0.34 \times 4 -0.3)$ 106 $(0.34 \times 4 -0.7)$ 92 $(0.74 \times 1)$ 104	0.24355 0.14045 0.2322 0.14045 0.24355	×500 = 12 ×500 = 7 ×500 = 7 ×500 = 70 ×500 = 12	11.775 (),225 11.6 1.775		
© 3 9	(0.74x) 104 $(x \le -0.7)$ 102 $(0.74x \le -0.3)$ 96 $(-0.34x \le 0.3)$ 106 $(0.34x \le 0.7)$ 92 $(0.74x)$ 109 $(0.74x)$ 109	0.24355 0.14045 0.2322 0.14045 0.24355	×500 = 12 ×500 = 7 ×500 = 7 ×500 = 70 ×500 = 12	11.775 (),225 11.6 ).225 1.775		
© 3 9	(0.74x) 104 $(0.74x \le -0.3)$ 96 $(-0.34x \le 0.3)$ 106 $(0.74x \le 0.7)$ 92 $(0.74x \ge 0.7)$ 109 $(0.74x \ge 0.7)$ 109	0.24355 0.14045 0.2323 0.14045 0.24355 + 9.46032+ 0	×500 = 12 ×500 = 7 ×500 = 7 ×500 = 7 ×500 = 12	21.775 0,225 116 0.225 1.775 .75188 + 2.5945		
© 3 9	$(x \le -0.7)  102$ $(0.74 \times 4 - 0.3)  96$ $(-0.34 \times 4 0.3)  106$ $(0.34 \times 4 0.7)  92$ $(0.74 \times 1)  109$ $= (3.213)$ $= 22.9$ $Not a ge$	0.24355 0.14045 0.2323 0.14045 0.24355 + 9.46032+ 0 8006155	1500 = 12 1500 = 7 1500 = 7 1500 = 70 1500 = 12 1600 = 12	21.775 0,225 116 0.225 1.775 .75188 + 2.5945		