- Bomose

Andysi3

Coin C H 6 5 7 11

Coin C T 5 A 9

11 9 20=4

Check if To ind of He

 $p(H_L, T_A) \stackrel{?}{=} p(H_L) p(T_A)$ $\frac{5}{20} \stackrel{?}{=} \frac{6}{11} \cdot \frac{5}{9}$

= $\frac{5}{20} \neq \frac{30}{99}$

= He, To deputers!

=) this is the versor for the X2

Andrew Cos. Ut beakely was such is 1973 on allywood of youler bias in grad school. My?

Grader F 1512 2609 #32 | Admitted | Faule | Faule | 7537 | 12763 = 4

Hw: run X2 test findquelance. Arrow: Admital & gala me associated.

Cen u valor de jup four associares > Carsasson?

Can he say bedy a homan causes you so not be admitted so Berkely good school?

Are the other imple that affect admission mes? White about which dept you apply so? It's prob. harden to get the pine mit the history...

Maybe there's a hidden bras in run al women

to choose hander or envier depts?

Let's analyze almissons by gener & legos:

1	Ron	Woun
Vep	Admple & Total	Admonly. Tool
1	624, 825	(B21-) 100
0	631. 560	684 85
C	(371.) 325	3 4 7, 593
P	33%. A7	(35-1)
E	20%. 191	2+1. 373
F	67. 25%	74. 381

Analysis was published in 1973 and is used in all stars courses so chemplify the following the concepts by the reharmship between the two unitedess of interest

Conformling: When a vasorble is affect by a luxby vanille. So ysveryly the de original realysors is changel

Signon's Paradox: an abrupt change in the a southern of the two origins variables when "controlling" for

(ch5.2 hilappelia) We will see whit again What's going on a Surposis Parada ? In the other types of brance endpose. Take this souple carple! and ryme Lira and Bons both edit whyslin endels. Lina 61/110 Bar 39/110 Overall Ling Ste oppress of grown Xing of restable. But, rech & rech! Week 1 Week 2 Toon 60/100 / 1/10 61/110 Ban (9/10) 1 30/100 39/110 Ban wins nock to neck became he has of high more couch neck, but the single sores here not be some so that were not Low Caymons.

15

The paradox is seen if we only look us Yinga.

Libn	beek 60%.	1 / week 2	(55.54.)
Barr	(90%)	(30%)	35,5%
You	can look as	this god pour	Week is a larby ramble
Han	short mester	emple:	

Pent Jeser ,250 ,314 ,291 ,300

Donal Jeser (.253) .321 ,329 ,298

"Vear" is a lunky mult

Brown single gres has the some

1995 1996 1997

Perek Jean 12/48 183/582 190/58 385/1284 Dans Juntu 104/41 45/180 163/496 312/1046

but so besteley.

16

Woren apply to more cogesitive programs in larger #5 than ren. Sie dept by left stey are not discount agrees, Changes was knypel ... Cond ch 5.2 - asserm & Consum Other couples of confording / Supson's Panda Students who finds carpy have been grandes Listing carly cause best grades? No. - confined by IR and souly hopes. feaple who own BMW's how more many the people Who Dung Fords - does owning a Broke crosse In so have money ? No ... confull by Job lend, exc ...

If shows along she possibility of modele to be conducte anything Carin ?

Obsermand Soly: they to die inference drown Certain effects by vouly doserny hom is the red World ... Suffers from confauling ... you cannot conclude anything coursel (mested ... Romandom Ser 501) Why! There's so consuel. feath who got is for Certain activities how selection bies to other Whites. Earle: gaple who by Briw's pul on have abette Gols. Engle: happels igpme health? Engle people who go to hospitals tout to be soch so pourle Who don't go me bestolve I'm stone to do... Hon do he church selector bons? Ramonorad Eggwas Chlb.1 This is how the spenfix norted works! Expenses can get you causal day. factor: the make mayphipal e.g. drugs in 9 sonly Henrers; the factor gran to a undowned grap 14 Le 4 my.

Of van. rudomal into the grups: drug and placebo.

Here's ho aprior for the ross to the app to to taking the drug.

They's parlowed.

Obs study: 100 people. 50 people take a dry 50 people dont. Problem: the 50 people who take the dry my be dispropriedly alcoholies, sky dress, like in many with polling, ever town of possible linky many bissen

Experient. 100 people 50 of how in money should so the

This try is. Experiences: Wy de plegle do des soules?
- Moshow to do experiences...

I rughe 100 people... force 50 of den to snoke undonly.

- don't have usborty

> The is to experiment endered in hymnis) the sendon come long concer only obs dass. Gracke compains for the longer time corel
'Supposis formeda' on monohunsh using ... all sons of shings .. Famon growinskin Fisher (neumon of hypp troing)
Sindred became he never behead the days mas consol. He doch of Color concer.

Bloome Analysis . Caragual dom Us. conquert bon (ch 5) Consequence des vs. Inval drug (tody tommen) (ch 18 + stuff hot whools) Jumel date is that data (6, 19) The mys to pers. Reguldon 7 ~ s 00000 N 5 E 1 Poger Laponer & 00 Salm &

Confinison. for som 101, he are look of the cargoier is Irend. In som 102 poull lock It my configure is have (short). You advance Irand (Prypisons) Tunk ham Well see proce Comples tomorrow... Ch18: Ano-proposon and Ano-souple hypothesis formy.