descr+L=26+1 à and firemen entième en difference. ZHTHMA L $E(y_x) = B_0 + R_1 \times 1 + B_2 \times 2 + B_3 \times 3$ n = 27 $\chi_2 = 20$ $\chi_2 = 20$ $\chi_3 = 20$ $\chi_4 = 20$ $\chi_5 = 20$ Y: TOGETHIN HETORANOU, X1: TARICHTON TRAPPORTIES , X3 = X1:X2 Zear arrowscopazar zou regression analysis paro Montro 1: y us x1, x2, x2 privotell or exexxor + The Transpirationorounal you us 3 superablises: x_j perabhasin: $t = \frac{\hat{\delta}_i - \hat{\delta}_j}{\text{se}(\hat{\delta}_i)}$ k=3 freddanie => p=k+1=4 kai n-p= 27-9=23 Exerces Ho: 8j=0 , $H_1: 8j \neq 0$ we transmit except with the transmitted except and the transmitted àpa ya x2: t= 82 Sivera l=3.19 apa p-value =0.0041 $f_{1x} \times_{3}$: $t^{x} = \frac{e_{3}}{se(e_{3})} = \frac{-0.1767}{0.1288} \approx -1.37$ N t_{23} p-value ~ 0.183 $\frac{R^2 - R - Sq(odj) = 1 - \frac{N-1}{N-p} (1-P^2) = 1 - \frac{26}{23} (1-0.945) = 0.937899378$ ha THV ANONA TOU formerow I. EXOUNT SST = SSR+SSE = SSR=SST-SSE = 179,069 - 9,904 => SSR= 169,165 From to Moviezo 2: y vs x1, x2., n=27, L=2 perobain, p=++1=3, n-p=27-3=24 $R^2 = 1 - \frac{n-1}{n-p} (1-R^2) \Rightarrow 1 - R^2 = (1-R^2) \frac{n-p}{n-1} \Rightarrow R^2 = 1 - \frac{n-p}{n-1} (1-R^2) = 1$ $= 1 - \frac{24}{26} \left(1 - 0.935 \right) = 0.94 \pm 94\%$

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Son another ANOVA Example is :
F'= MSR = 188.57 has strai stray F now open an eventure theye
                                  Hs: zoulaxieur ins condiciós 6.40 , i=0,1,2
  F*=188.57 ~ Fd, n-p = F2,24
 Mp p-value = 2.10.10-15
 the same
 Aropa no zn prabami x2: t-test pr t = 62 = 53.129 = 6.47
     t=6.47 ~ tn-p=te4 → p-value = 1.08.10-6
fiα το μοσιλο 3: y vs ×1 : Mn=27, k=1, p=k+1=2, n-p=25
 Pred = 1 - PRESS (1)
Opes p2 = 1 SSP => 8505=CPCBD SST = SSR = 149,661 = 180,532
 or onov SSE = SST -SSR = 180,532 - 149,661 = 30,871
To one (1): R^2_{\text{pred}} = 1 - \frac{PRESS}{SST} = 1 - \frac{34,546.9}{180.532} \sim 0.8086 = 80.86\%
W_{\text{E}} = \frac{SSE}{N-P} = \frac{30,871}{25} = 1,234.84
tol F* = MSR 149,661 = 121.10 N Fd, n-P = +1,25
op p-value = 4.45.10-11
HEW TOO HONEROU E(xx) = BO+BIXI+B2X2+B3X3 HITOPOUTE VOI ENGIFOURE ON KENTENDIN VON TOPERAPHORIOUN Sis STORPED ENDEIES, Sis TOPERAPHORIOUN IN FLOR
 LOININ JON US Sio MAPAJURIKU SVASIKOVEIEL (x2=0, x2=1).
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Avio pari 6000 ŷ = Bo+B1×1+B2×2+B3×3 • Arov $x_2 = 0$: $\hat{y} = \hat{b}_0 + \hat{b}_1 \times 1$ • Orav $x_2 = 1$: $\hat{y} = \hat{b}_0 + \hat{b}_1 \times 1 + \hat{b}_2 + \hat{b}_3 \times 1 = (\hat{b}_0 + \hat{b}_2) + (\hat{b}_1 + \hat{b}_3) \times 1$ Andasy Sis Texaplants subsises · Av &3=0 · Av B1 +0: $\hat{y} = \hat{b}_0 + \hat{b}_2 \times 2$ 1 Korvin Euleix Jr zu 2 Stabitatier . O cor $x_2 = 0$: $y = \hat{b}_0 + \hat{b}_1 x_1$. O cor $x_2 = 1$: $y = \hat{b}_0 + \hat{b}_1 x_1 + \hat{b}_2 = (\hat{b}_0 + \hat{b}_2) + \hat{b}_1 x_1$ Drivers Happy Sib Maps Rudeies To houseyo 3 ByELLONNE ON EXER OBERTA KONTUNATIONS PEIKIER MORPHOGRAPIO be often he son I should housely a standard bayous at Sephera. Ba confisorfit The 2 province (182) been ever brankings confisory: Ho: B3=0: M2: ynx1,x2 H1: B3 + 0: M10 ynx1, X2, X3 $F^* = \frac{|SSE_{M2} - SSE_{M3}|/1}{|SSE_{M3}|/(974-3-1)} = \frac{|O714 - 9904|}{|9904|/23} = 1.88 N F_{d,23} = F_{1,23}$ Shappin Mapapetelan Da Za apt p-value = 0.184. paineral yours, on a Eyellor ejust engagetra has entransfer mon entrainer ou ser husboute na ausobidonte enn Ho estagi so poureyo he

XI'X5 (M5) so outoio sinai tau so hante so men ou entryledathe Syl. 2 Mapa Xinher Endèrer De indu n mocaphogn per bien a mapanahu. Desigo, Streids com expansion ena exista for parvelds un efferates

Thoraphaly son trouseyon T (Ein ha Inday My Enger). Thap of durin barroupet bu con aurio Cer attigen Tropic and co Wouldning etrabio kagin de Englist Etilhons na Elenn Abilena KAIGH A ECHNOSIA TOO STOOLE 610 STAJPARTA EIVAL GEL GOAV por Stepokary alto ταχύνητας παραγωγής, φουστράπο μεταβαίνουμε από τη διαδιεσεία 9 (x2=0) επη διαδικαεία 1 (x2=0) τοτο (x2=1) τότε έχουμε συξητώ Emv Mocoura perallos Carpetes contros dos enportros en francos Texposaria pre baen so Statpappa 4200 o pultos autuens mi ENJEIRS) atto vov artieroixo pa en Galiracia 2 (x2=0) Tia zo Moretho 2 TOU Bonfale wy Béhriero Da igruar za iha, oxi opas and or orbition anthems are morniar terrappor even 12HTITMA 4 $\frac{f(\lambda) = \frac{\lambda}{6 + x \cdot h_{x}}}{\lambda_{1}} = \frac{\lambda}{\lambda_{2}} = \frac{\lambda$ $D_{\mu}(\hat{b}) = -2 \left(\hat{l}_{\mu} - \hat{l}_{\kappa \nu \rho} \right) = 2 \sum_{i=1}^{n} \left[y_{i} l_{\mu} \frac{y_{i}}{\hat{\mu}_{i}} \right] + A(C = -2 \hat{l}_{\mu} + 2 d)$ N= 12, YN XI Kai X2 x2= 50, avreas

apolici Sacrigia tellia kon tiño x2= 21, privairas. The π_{i} p-values is adopt tous energial Wold groups: one to simple H_{0} : $G_{i}=0$ H_{1} : $G_{i}\neq0$ H_{1} : $G_{i}\neq0$ H_{1} : $G_{i}\neq0$ H_{2} : $G_{i}=0$ H_{3} : $G_{i}=0$ H_{3} : $G_{i}=0$ H_{4} : $G_{i}=0$

Openius pa Moveedo 1: $\frac{2}{56(\hat{g}_{1})} = \frac{-0.12962}{0.00813} = -14.848 \rightarrow \text{p-value} = 7.17.10^{-50}$ from KERRE MONTERO O 16x0ET: $D_{o}(\hat{a}) = -2(\hat{l}_{o} - \hat{l}_{rop}) \Rightarrow \hat{l}_{rop} = \frac{D_{o}(\hat{b})}{2} + \hat{l}_{o} = \frac{972.305}{2} + (-222.219)$ => (Kup = - 85.567 Fra Horido 1: 1 DI (ê) = -2(la-lap) => le = lop - DI (ê) $=-85.567-\frac{67.695}{9} \Rightarrow \hat{L}_{1}=500000-120.415$ A1(1=-2(1+2.d=-2.(-120.415)+2.2= 244.83 A1(==-2lo+2.d =-2.(-222.219)+2.1 = 446.449 To MI or excent No exour I perabhyrin apa has napatherpo Gradopa, Snd.n Siadupa GF B.E = OD Elivar $D_0(\hat{b}) - D_1(\hat{b}) = 942.305 - 64.695 = 204.61$ Ho: Ho HI: MI DO(B) - DI(B) N X = XI άρλ ρπάνου η α 204.61 N X2 -> p-value = 2.06.10⁴⁶.
αρλ βελειδικά σημαντικώ ελεγκοι και απορρίπω Ho => επιλογω 141 over No Operion D, (8) - D2(8) = 0.043 N X3 -> p-value = 0.836 un Gar. Enfantico Etarros tas Ser anoppinto Ho => Enidegio M1 over M2 $R_{D}^{2} = \left(1 - \frac{D_{1}(k)}{D_{0}}\right) |00\%| = \left(1 - \frac{67.695}{272.305}\right) \cdot |00\%| = 75.14\%$

200 Hz pe Baion Exexo Wald u x2 May un Gaute. Enfanticis ement Me Exer to Katudorepo AIC ray devionce edaxiona STROOPENTO AND MZ EVW O X2 EXEXXOS ZUS STAGODAS ZUV deviance perafir M1 koir M2 è Seife su emilique au MI Esefe frequent althon impaironny and Mo GEO My Fai Extring agricing du zo My GEO Mz. H1: E(y)=|= e = e 60+B1.x1 Apa: Kayosebo boustyo: tal το προεαρμοεμενο μοντίδο: μx = e 60 +63. x1 0.37677 - 0.12962. x1. Entraly προεκυψε avefapancia anto το φύλο (xz μεταβλητί) (iii) Denoupe eva 0.95- At ma @ eb1 row M1. 82-61 0 N(0,1) acouptour tion Whomps Gradepin c riction were: P[-c < 23 < c]=0.95 → c=Z-1 (0.975) + at DE < (81-61 < c → - c · se(ê1) < 61-61 < c · se(ê1) → $= \hat{\mathbf{g}}_{1} - \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1}) \leq \mathbf{g}_{1} \leq \hat{\mathbf{g}}_{1} + \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1})$ $= \hat{\mathbf{g}}_{1} - \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1}) \leq \mathbf{g}_{2} \leq \hat{\mathbf{g}}_{1} + \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1})$ $= \hat{\mathbf{g}}_{1} - \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1}) \leq \mathbf{g}_{2} \leq \hat{\mathbf{g}}_{1} + \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1})$ $= \hat{\mathbf{g}}_{1} - \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1}) \leq \mathbf{g}_{2} \leq \hat{\mathbf{g}}_{1} + \mathbf{c} \cdot \mathbf{se}(\hat{\mathbf{g}}_{1})$ е № 1.96 ата дмогм (0.975) (R EVZOA) Ĝ = -0.12962 , Se (Ĝ) = 0.00873 ×pd $\hat{g}_1 - c \cdot se(\hat{g}_1) = -0.1167$ $\hat{g}_1 + c \cdot se(\hat{g}_2) = -0.1125$ $e^{\hat{\theta}_1 - c \cdot se(\hat{\theta}_1)} = e^{-0.1467} = 0.864$, $e^{\hat{\theta}_1 + c \cdot se(\hat{\theta}_1)} = e^{-0.1125} = 0.894$. 40 0.95 DE Mr De. 0.864 ≤ e. ≤ 0.899 e li = e -0.12962 = 0.878 e li eva evin zou as At zou e Toparupaipe bu N rufin 200 ount antimate

Ms: CDB $\hat{\mu}_{x} = 0e^{\hat{\theta}_{0}+\hat{\theta}_{1}x_{1}}$ The duftion that of poverdu that X_{1} , S_{1} , X_{1} = $X_{1}+1$:

The duftion that of poverdu that X_{1} , S_{1} , X_{1} = $X_{1}+1$:

The duftion that of poverdu that X_{1} , S_{1} , X_{1} = $X_{1}+1$: $\hat{\mu}_{x} = e^{\hat{\theta}_{0}+\hat{\theta}_{1}x_{1}} = e^{\hat{\theta}_{0}+\hat{\theta}_{1}x_{1}} = e^{\hat{\theta}_{1}} = e^{\hat{\theta}_{1}+\hat{\theta}_{1}x_{1}} = e^{\hat{\theta}_{1}} + e^{\hat{\theta}_{1}} = e^{\hat{\theta}_{1}+\hat{\theta}_{1}x_{1}} = e^{\hat{\theta}_$

ATTOLING Coot:

Tevirai Demposhe me anticia empeone ecerna que Cost Distance populitifio To I. Ito Soliv Sidgraphon, o nivertan trovo on Toposinipuen 30 va èxer exenirai upushin Cooli Distance assistante den principei un partinologia apos Do <1 kan kenta eno 0.5.

Testirai ser principue va sapartinoi come tantono confecto mi enpero empeone hacanto cata distante la sapartinoi come tantono compenso esperan empeone tanto solo ser perin emperin emperin comprene tanto solo ser esperan emperin emperin solo empero esperan emperin solo empero 35.