

Di Normal, two Variance) loox (1-2) 6 (2 for 5x / 5y OPIA M(x\*) too (1+ ht (x=x) XI-Xn [c sx, d sx, ] C= 21(2) RD | model & (m(y~x)) Y1-- Ym V 12/1/2 d= 手に上記) 9 Fm-1, n-1, Summay (modely) RTATO A (2holm) # CI for mean paraneles 10 Single proporting Pt CJBCI-B (0.1) (confint (model)) Typ proportions Pi-Pi + C JP: (1-Pi) + 12 (1-Pi) dala 2 (- data frame (x=3) ) Predict (mudel), newdola = data 2, interal = Weeles / heror use Wald who is snall) ACI tox mu(3) ([evel = 0.9" confidence") (Wald) ase make the mayin of error. 90/62 product (model 1, rendate = date ) interal = n∈20, p.het c- 6/n 20 € quorm(0.95) #PI towhen x=3, production when n layer the plat data and fitted moder. PP-hat + CC-1.1) \*30 x STIT (P-hat x (1-p-hat)/4) Tobtexy, we she (gradicile) larded marghe of enon) Labline (indell, al = blie) prop. test 0 x=6, n=20, Cont. level=v9, convert-tALSE 3 Model cheek/ plot (model 1, 1:2). Novemal [ residents is fitted and 100 phot) Trait mount to the by (binon less Xx-6, N=20, unf. lack=0.9.) 3. plate ... ) obline ( ... ) of theor mill DEm sample CD 956 CI fird=PA-PB Cortest CX 19 (= Recorcx, y) 12 Pengin's wiredogen cov(x:k)

R = Pag = Sky Vov(x:k) prop. test (X = C(141, 170), n= (460, 640), correct = FALSE) alternative = less Remody subsety 3) X~N(4.03) = = (xi-x)(Yi-Y) DPOALestlander and 90% 12 for M. 15(x:-x), 5(x:-b), mean(x). mean(x)+(c-1,1)+-q+(0.95, n-1)+sol(x)/59+(n) Dto log (data2 = log (cdala I, c'Cimida", style) 12) point estimate and 95% C2+025 sd(x) sqrt((n-1)/qch'sqccco.975,000),df=n-1))\*sd(x) Week 7 Hypothern Leseling 3) 90% PI The same mean(x) + CE-1,1) x 9t (0.95 m-1) x sol (x) x sol (1+ 1/n) (0) fr (rejac Ho) Ho time) B=Pr (don't reject Ho / Ho talse) 9. PI: X + C-JI+52 02: XEC. D'Single proporton prop. test 129, 40, P=05, attemble = "greater", Orned = FALSE) sample size n= (CO) 2 this is pluted up by binom-test (25, 40, 5 ample size) n= (CO) 2 this is pluted up by boutless properties & prope binom-test (25, 40, prost, acter D. Camplesize n= (co) Toingy factor . \$250 for proportion n= c2pc1-p) has last test (Thicker (Guy) dolar gra) Week 8 Jallstothnebr free 15 But Sun(x710) Week 6 Regrossion J [TV=Q+BxitE 1/Sightest) ) 20=1, B= = (xi-x)Yi = Zaci-x)cribinom test (1), 20, alterdie = les Wilcoxon Sgood Rank last wilcox tast(x, mu-3.7, alla. を(xンーな)? 5 = 2 - BX noto exact = TRUE) M(x) = \ + \ (x-\bar(a\_0) = = = 1- Ps gnrah (39,15) Var (B)= 00 Wicker rank sum test (too cample) wither lest (X, Y) K= S(x:-x) 2 Que = \$ (O-E) = XE-1 E-mp>5 \* cuttomes Var(a)=(++)62 × <- CC 26.1352.7) P<-CC. 25,0.17.05.01)  $D^{2} = \frac{1}{n-2}D^{2}$ Var (p(x)) = ( + (x-x))0 D'= E(Y:-Y:) chisq. testex, P=P)77 pub. x. bar = mean ( & bled BIK ataz 3~N(B, R) Pi K- Sun (dpols Co:3, X-bat) 75=[- CP+--P4) B(x)-hw Chisq test (x. P=P) +1 x = 2.744 11-2162 n Xn-2 Tell organdal Penisaer 78x. 4) of = P-1 S/ 1/(x-x) Chisz, test (x, conoct = FALSE) 95% CINB B+CR



