"all pairs of uniables" to ractuded in Proches & proc golot

(b) proc reg sgscatter for the matrix
* it you look at MPJ row, it places the unpg variable on y

le) procreg; selection ep aic més · reterence table where computes Pearson correlation coefficients 16) proc corr

to ten w/ lowest cp are # in model = 10 athpot table

> Again doboart " + cors 110 > 19pairs Scotter plotwaterix

cyl hp wt : R2 = . 84 MSE = 6.31 1d) wt asecom: R2=.85 MSE=6.05

Ho: disp = disp = H Ha: disp=disp2+B 1-9-1 y= w+x, + qsecx2 + amx3 + disp+ dispx5 le) y= wtx, + qsecx2 + amx3

qf (, 95, 2, 26) 3.37 < 38.98 F= 38.98

Reject Ho, at x=. 05 level

9-val: 6.0001

32-5-1 = 26

f) MSE = 5.097 R2 = . 28 | 4 = wtx+qxcx2 +amx2+dispxy +dispxs I believe modey y= wtx + qsecx2 + amx3 is still superior since TL; DR less variables and maginal variability gained.

.88 MS(E)50.08 BEE wtx, + qsecx2 + dispxf disp2X5 gnorm = quintile ("norm" ii. proc sort data= residz i 6.31 wr Models 4.93 guorm*r. grob 1-hw4-plot.sas 11) CH Model 1 set reside proc gplot, data reside! is ha plot してい、 ・マカノ) | Predicted Wredicted "residuals us fitted" i. proc splot data = veside; Predicted included in Models of iii. obs us. fitted 590 .0809 8003 C*) m,tcors.sas 10. 20. 01. : 8 title, plat Lan, dis p2 disp D 266 5.50 XX am <

SIJM. 425 52 = (n-1) = + (N 2-1) = 9 suggest the difference in mems between treatment A &B is statistically (+)(1-+)+ (D. (1-+)=d There is no evidence to N, +N2-2 taist w/ du v= n, + n2-2 ap 2.941 MSE 5.93 qt(,45,12 1 4 Var = (1.00) = 1.05,80r 1.06 2 2.16 -35W AN 18! F おお! 14-5-13 1.78 70, 4.2 cook got 7 Af (.ds, 1, 2) 57 < 1.78, thus reject 45. model & height = # man (c.72-5.95) t - (y, - ý2) - Ho (4)=595 J Merch - trt M25 425 2) n=14 +1+ p= \$2 5.5 55E = Mar (11-1) 55E= (1.12)(6) 425 x Herretiabli 93= 6.3 172.7 (d)

Err: 21-3

$$\frac{3}{85(4rv)} = \frac{3}{15} \frac{7}{15} \left(\frac{7}{7} - \frac{7}{7} \right)^2 + \left(\frac{7}{72} - \frac{7}{7} \right)^2$$

(21-3) 0 (6,3)