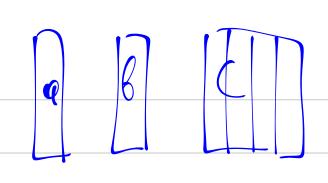




Tab = (0,36) & R2 in all 4 regressions! $a_i = \beta_i + \beta_i \theta_i$ $R^2(a \rightarrow \theta)$ $\beta_i = \beta_i + \beta_2 a_i$ $R^2(\beta \rightarrow \alpha)$ $\hat{\alpha}_{i}^{*} = 0 + 0.6 \, \theta_{i}^{*} \qquad R^{2} \left(\alpha^{*} \rightarrow \theta^{*} \right)$ $\beta_i^* = 0 + 0.68$ gives the same P) Carry comb $2^{2}(6^{p} \rightarrow a)$ $2^{2}(e^{p} \rightarrow b)$ stor(b) = stor (a) $= \frac{\text{slar}(\hat{a}^*)}{\text{slar}(\hat{a}^*)} = \text{slar}(\hat{a}^*) = \frac{\text{slar}(\hat{b}^*)}{\text{slar}(\hat{b}^*)} = \text{slar}(\hat{b}^*)$ x_1, x_2, \dots x: [nx/] X [nxk] x_i - all var-s except x; [nx(k-)] x_{-ij} -all var-s except x_i, x_j [$n \times (u-i)$] paretial correctation

Pij = slovere (û[xi > x-ij], û[xj > x-ij]) residuals in regression of xi on all other variables except Xi and Xr Clean out Xi beom everything else û[x; >xij] Clean out X; beon everything else û[xj->x-ij]



$$a = x_i$$

$$b = x_j$$

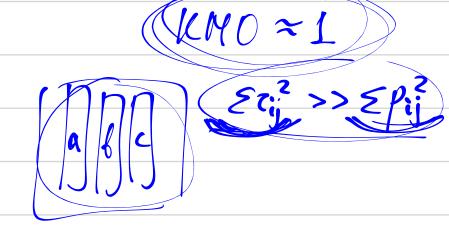
$$C = x_{-ij}$$

regress a on C, get residuals ûa regress b on C, get residuals ûe.

Pas = sloer (ûa, ûz)
var-le b clean freuen
var-le a clean from varrobles in (

 $|(N)| = \frac{\xi_{i} + \xi_{i}}{\xi_{i}} + \xi_{i} + \xi_{i}$ $|(N)| = \frac{\xi_{i} + \xi_{i}}{\xi_{i}} + \xi_{i} + \xi_{i}$ $|(N)| = \frac{\xi_{i} + \xi_{i}}{\xi_{i}} + \xi_{i} + \xi_{i}$

 $\sum_{i \neq j} p_{ij} >> \sum_{i \neq j}^{2} \gamma_{ij}^{2}$



Cease

 $1+0+0+1+0+0 = \frac{1}{2}$

 $\frac{\hat{q} = 0.0 \cdot c}{\hat{b} = 0.0 \cdot c}$ $\frac{\hat{u}_{a} = a}{\hat{u}_{c} = b}$

 $\hat{c} \approx 0 + 0 \cdot \alpha \qquad \hat{u}_c \approx c_{\star} \approx 3$ $\hat{c} \approx \hat{s}_1 + \hat{s}_2 \alpha \qquad \hat{u}_{\epsilon} = \hat{c} - \hat{s}_1 - \hat{s}_2 \alpha$

