" girlosono-tol eno? (= eldisina paranto (= lenes oces) and notified fi. lebom reine je moianetx3 wethed Y=B0+B, x, +B2x + E -, include production interaction -, 4 = Bo+ B, x, +B, x, +B, x, x, + € tratamos som is y one ix nocustas nollois ocas oft o = Bo + (B1 + B3 \$) X + B2 x + E A change in the will change the appropriation between by and 4 = Bo+ B x, +B2 x2+ 6 sheet up, a a a a time enablished by a the mount of segment of the grant of the grant of the second court one enit the hierardical punciple states that if we unclude an interaction in a model, we should also unclude the main effects, ever if the p-value associated with their coefficient trasifingia ton su (FL), no example au man elaborabilit us can use palpromial regression, (cl. 7). Am oldery lettrator believed at suaren abarbian toly: Julamoitaber relation white police of the predicted (an fitted) malue y? -> if discernible pattern -> mon - sinearity in the data -> 5 x , x V , x gol as he us snow barnel anot some men sau of is notubos 1 E; unform on E; ; ; traching suit aft not level were brokmote betomites northernos fi : must know fo moiteleurs) (3) one, p-walue lower than they should be -, each at just residuoe Time. QUI, 50=(3) not trotanos is tost excepse ess: onest every go omaisent tratanos- nou (E) = 02, cue nortulos. The combiner alt in epola connul a pd (prioritabisacratal 1 troclams - non toly no => transform Yusing a concare Junction such as log 4 arvy sanguar Atial, seprece enot exacted so be so maison alt go sold book a sonitanos could be an average of m; naw assorbions. if each of the is unconsoloted with variance of =0%, then we can use weighted least squares, with weights projectional to the , some iron parsine Costrabula est toly calo nos sur tus. soilturo pfilada ot basu ed nos Toly Soubiasa: disisturo (4) residuals, computed by dividing each rational of by the standard error (if) 3 dividing D'High loverage points: it is cause for concern if the least squares are in leavil affected by first a cause of observations. we compute the brerage statistics 8:= 9+ (x:-x) robinday even us out hills in notherite aft of englanti; prinserullos @ maniables are classely related to one another => can be difficult to separate et the individual effects of coldinar variables on the response. · Sen a collementy reduces the accuracy of the estimates of the regression coefficients, it causes the SE for By rogram (Decause t- statistic is By 12E(By) and t-statistic V) and reduced by cally months. By =0) => the probability of rejecting a montero coefficient is educed by collinearly. I have the could be sinter amounted to other all of the plant and the collinear at the collinear Fiv & new alimotiftight of smainer of py believed labour Out of By it prittif relies (observed and refused) returned on mon: rot each

Solution: suppose one of them as merge them.

comparasion of cinear regression with kny

- the foramelie appeach will authorform the non-foramelix appeach if the foramelies for much out of each is believed as been ask of each of much
- if the rolation is answritis had for NP to compose with LA: a NP uncurs a cost en nourons that is not offset by a roduction in blas.
- Es sue of south son plusen on common of the sense son of south of sense of southered of south of son of south of sense of son or son or
- . Prisibaterpelar set a refer ous, us et reused pathly ila place sicurato 924 of 7 gi.

Harreting plan

- table of F could be related to the season of the season of
- which is in x are associated with y => p-molue associated with each predictor t-stabilic
- How large is the association between i and 4: look at interval confidence By ± 25e(By) if large interval check for a large collinearly (if VIF close to 1, lhen no problem)
- when according an every subject of the country of the property of the country of the conditions are every conditions are every conditions and every conditions are every conditions.
 - constru es nebiforos esus eses e georgio na P
- e noibibled
 "noembled oft as of combianton top combined to combine to
- abording ordered to sulew-fellows fire ix grooms personal and about about it is grooms personal and about a subsections of blueds of elt. (must an oil sortine