Tuesday, November 10, 2020 11:28 AM

Degression of Ourmy Variables 7 Categorical Variables Worse=Bor B, (Female) & By (educ) + E

Female -1

if male, wagemale = Bo + Bz (educ)+Em

if Female, Wooglen=Bo+B,+B,(educ)+Eq

tar given error term

Waglf-Wagen=B,

B,=d.Fference in ungl for Fond M given equal education

What about in log form?

(0g(Price) = -1.35 +.168(lotsize) +.707(log(sq Ft)) +.027(bedrooms) +.054(colonial) > Dummy for style > 1 & colonial

for siven 10t size, saft, and bedrooms, colonial sells for 5.4% higher

Dunnies V/ multiple categonises

4 more than 2 categories

Wase = BotB, (educ) +B, (exp)+B, (hatness)

4 homely, Plain, overage, good, Stracing

aggregate the Categories

below average appre onerage

Overege Freference

Men 7 lag(mage) = 130-.164(below) +.16(above) + Bz (educ) + E

below overage men earn 16.4% less than average if all else is equal

F-test

Ho: B, -B, -B, -B, = 0

None of the explanatory variables have an effect

Haint least on B is different from Zero

averall significance of model