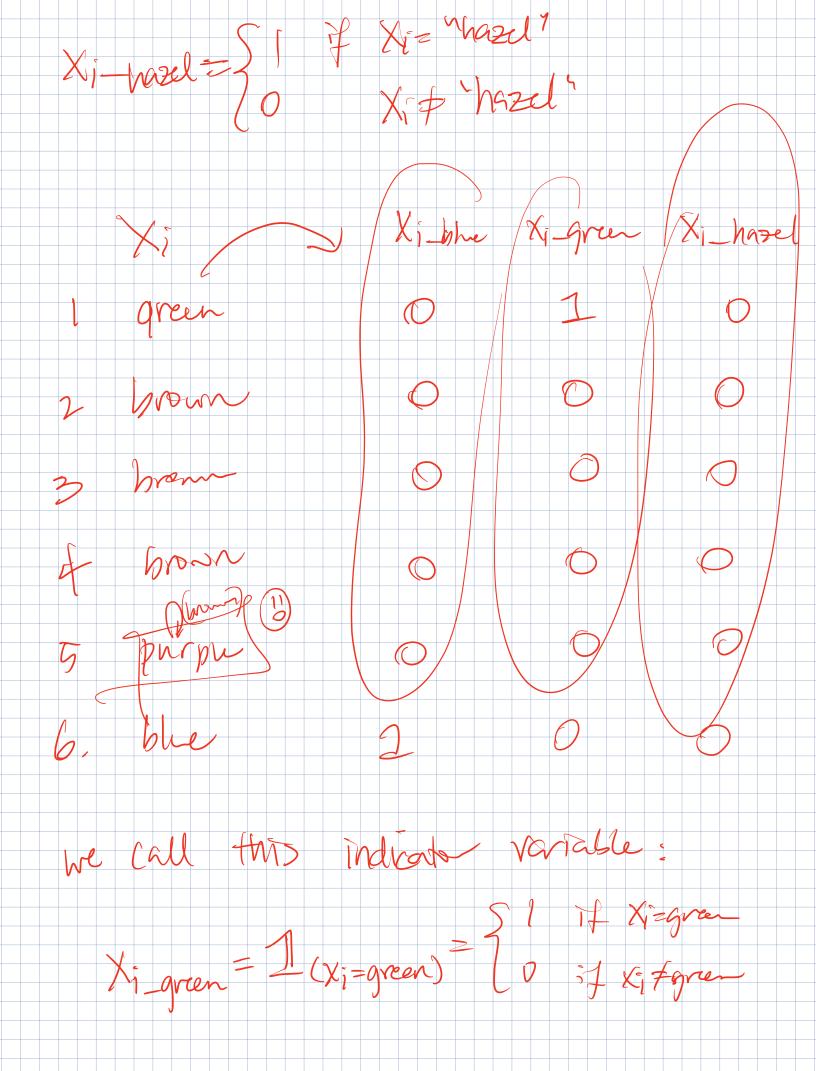


Dealing of Categorical Predictors What happens of al have categorical preds; D-GENDER: M, F, N3, - PACE: - EYE COLOR: --The problem is in their current form, this data isn't compatible of the OS Solution 72 (XXX) XTY X need numbers!

Indicators/ Druny Vavs The most common way to recole this data is to define the indicators: Exe Nor has A levels: - Svæn Xi = ) Xi = green (Xi-hazel  $x_i$  blue =  $x_i$   $x_i$  blue  $x_i$   $x_i$ X; £ "ble" Xi-green = } ) If Xi="sreen" Xi & green "



Ex: Predat Y= dexterity X= PlL-handed X= proun/not Y=Bot B, ILLH) + B2 Alnut brown) + Eq It model J= B+B1 2(LH) + B2 7 (not mousn) Interprety the coefs: Paseline: We predict an avg de Henty Score of B= Cofo kight landed grandyed people.

