P(Y151)=P1 P(Yi < 2) = Pi+R P(41 53) = PI+R+P3=2 NOW, ligit(A) = Bol+ By xxi1 logit (Pita) = Bot Boxx11 0 10 (P) = eBoI + BII x Ni) (8) (A+R) = Bort Brex ni) P_= exp(B01 + B11 * N/1)

1 + exp(B01+B11* N/1)

R= exp(B02+B12 * X N/1) (0 1+ exp (Box + BIZ=x xi) --e (BOI + BII = XIA)

1+ exp (BOI + BIIX NII) Now, BP3=1-P,-P2 0