

- c) (1) adding variables male; xage; and make; x\frac{\age;}{(0)}^2 to logic specification exp (\beta the male; the age; the fage; \frac{\age;}{\coloredge} \choloredge; the male; \frac{\age;}{\coloredge} \right)^2 \\
 \texp(\beta the male; \text{the active; the age; the male; \frac{\age;}{\coloredge} \right)^2 the male; \frac{\age;}{\coloredge} \right)^2 \\
 \texp(\beta the male; \text{the active; the age; the male; \frac{\age;}{\coloredge} \right)^2 the male; \frac{\age;}{\coloredge} \right)^2
 - (2) & replacing \$ sage+ \$4 (age:/10)2 in logue probability by 2
 \$3 male: age: +Bymale. (age:)2+ \$-(1-male:)age: +Br(1-male:)age:)
 - 3 split up sample un males and females estimates the legit model for both groups NOTF: one assumbs . Be is different for males and females