

(b) $p(x) = \frac{e^{\beta_0 + \beta_1 x}}{1 + e^{\beta_0 + \beta_1 x}} \rightarrow \text{given.}$ $\frac{1}{1 - p(x)} = e^{\beta_0 + \beta_1 x}$ = e BotBx Solni We know: P(X) $= 1 - P(X) = 1 - \frac{e^{\beta_0 + \beta_1 X}}{1 + e^{\beta_0 + \beta_1 X}} =$ P(X) = e BotBx x 1+e PotBx = pRotBix Hence, Roned.