STAT 2008/6998 13/5/2014 Indicator Variables $Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \epsilon_j \epsilon_{ii}^{ij} N(0, \epsilon_i)$ when SVi = 0, $X_2 = 0$ $Y = \beta_0 + \beta_1 \times 1 + \epsilon_j \in \mathcal{A}$ when svi = 1 , X2 = 1 $Y = \beta_0 + \beta_1 X_1 + \beta_2 \Rightarrow (\beta_0 + \beta_2) + \beta_1 X_1$ New intercept

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