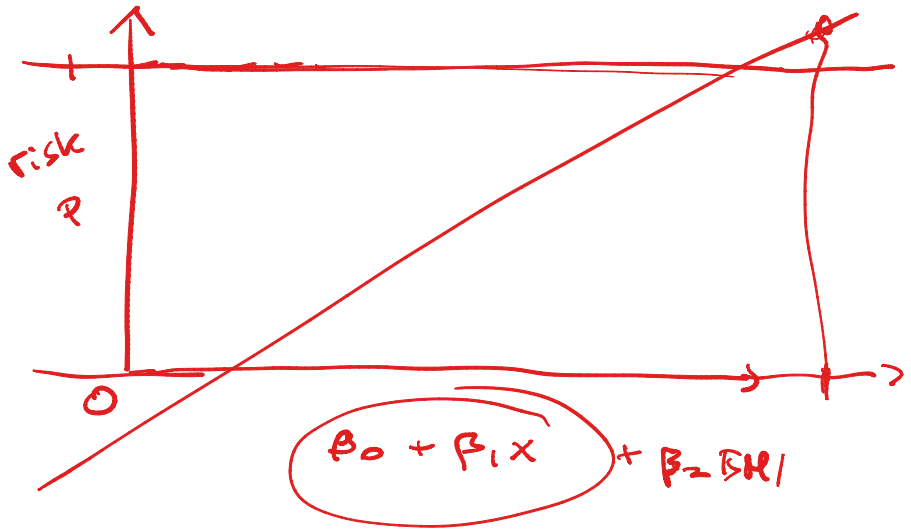


ADDITIVE

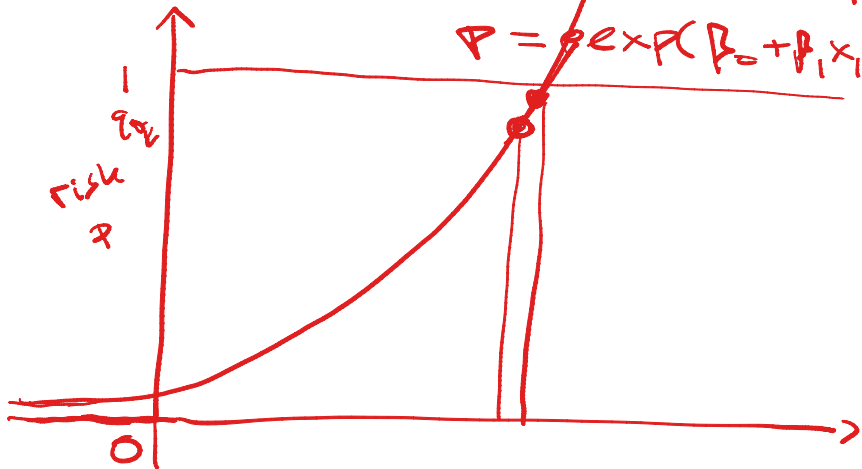
$$P = \beta_0 + \beta_1 x_1 + \beta_2 x_2 \dots$$



log link

$$\log(p) = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \dots$$

$$p = \exp(\beta_0 + \beta_1 x_1 + \dots)$$



$$\beta_0 + \beta_1 x$$

logit lining

$$\log\left(\frac{p}{1-p}\right) = \beta_0 + \beta_1 x$$

log(odds)

