## 1 32/12 24.

到图如何一意漫想出

tex) = /1+e-(p. +p.x): 20/Es/Signord/Squaring func.

-> 06fca61

-> Inputal 0337

Ey= 1 (x=x) = 1/(+e-(potpix)

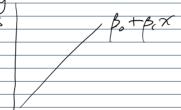
## 2. En odds

: 47 4 4 4 7 8 2 4 1 - P

 $\pi(x-x) = \frac{1}{1+e^{-\beta x}} = \frac{\pi(x-x)}{1+e^{-\beta x}}$ 

黑网络鸡叫川雪

logie trasform



=> B, : xx 2007 3/1 lg (adds)=1 3/28

Jay als of Tital

## 3 3245 2A PEL 2016 - 78

TC(x) = (/1+e-(Po+B,X,+B,x,--B,Xp)

3/0195 373/14 Mirium Likelihood Est.

Fieys) = TE (25) 42 (1-TE(75)) 1-42

L= Tficy=) lu(L) = Zy; ln[\frac{72(x2)}{1-72(x2)}] + \frac{\text{ln(1-ta(x2))}}{\text{ln(1+ep.+12x2)}}
= \frac{2}{5} 4 \frac{2}{5} 6 \frac{2}{5} + \frac{2}{5} 6 \frac{2}{5} + \frac{2}{5} 6 \frac{2}{5} \frac{2}{

-> In L; lay-likelihood touch stander B 7258.

भारत्या है जिस्से अपे रेशके हैं

Cross Entropy = - Z poss logges : = 325 + 1 2 pol = 301 log the those 01 7 2024

lay telina Ital = Cras entropy Its.

## 4 2의 및 해석

loy(ods) = Bo+(B, Y, + · + Bp/p : 9/3/4/ 184 3/1 loy(ods) #12/28.

Oods Patio

ods (x, +1, x, - xn) = e : 4pp 2px 28, EUH 12+12+4

ods (x, x, - x, - xn)

(1812 Cods = 412)

· \$ >0 -> 423/2-3>

· 6<0 -> " 36.

ex) feature 2 - coef 2 <0 : 43 33 21 60 621