Binary variables > Dependent var must be binary
Birthmethy of babies
1000 weight -1 Not low weight -0

matheris age

Socialemagraphic status Islaw zomed 3 shigh

alcoholowy pregnancy 1-, yes 0-, no

wypertensfan 12/es a-, no

P-BarB, (age) + Ba (Sacia) + Ba (alcohal) + By (h) Per)

4 P can be greenter than 1 sa this is wrong

Probability must be between a and 1

P=1/[16e(BorBix+Boxxxt...)] + this constrains so 04P41

1009°+(P)=In(P:/1-P:)=BorB,X+B, X+B, X2...

Pi-Pontcome 1-Pi=Protone

B, = Aunit Change in X, Changes lag adds by B,

add5-1-P

0225 raria = 02652

Plan veight = -.75 + .2(age) + .3(alcahol)

(agof(A)=-.75 r. 2(2a) +.3(1) --.75+4+.3=3.55

or 10574(A) ---.754.2(20) +.3(0) -- ,75 × 4 + 0 = 3.25

ar vs no alc - e3.55/e3.25 = 1.3498

Basics whelikata be born under weight if many consumed all companed to many who didn't