1.0. - conditional independence given class
1.6 - discriminative
1.7 - 257.
1.1 - P(A18) =
$$\frac{P(A_2)}{ZP(A_1)}$$
 | 12 - 1
1.9 P(A18) = $\frac{P(A_2)}{ZP(A_1)}$ | 14 - Toke

1.9 P(A18) = $\frac{P(A_2)}{P(A_1)}$ | 14 - Toke

20 P(B)

= 0.07 × 0.10 = 0.07 × 2

0.05 = 0.14

20 P(B)

20 P(B)

= 0.07 × 0.10 = 0.07 × 2

aligned along x_1 (major exist)

and x_2 (minor exist)

20 (Comp 4932)

21 ($\frac{P(A_1)^2}{P(A_1)^2}$ | $\frac{P(A_1)^2}{P(A_1)^2$

(3) log likelihood, find 6 S-t P(D) is

or log
$$P(D) = \frac{N}{E} \log_2 \frac{1}{6} \exp\left(-\frac{|X_1|}{6}\right)$$

$$= \frac{N_{log}}{26} - \frac{N_{log}}{26} \exp\left(-\frac{|X_1|}{6}\right)$$

$$= \frac{N_{log}}{26} - \frac{N_{log}}{26} + \frac{N_{$$

- l, solution is sparse (most of the coefficient are zero)

- bigger 1 - more and more coefficient will become zero

. This will allow us to do feature selection when we have lots of features

Pecision boundary is all the x

It

P(y=1|x) = P(y=0|x)

E) L(wTx) = I- b(wTx)

= \frac{e}{1+e}wTx}

= \frac{e}{1+