$$P(id, b, 7a, ij, m) = \underset{e,7e}{\underset{e,7e}{\neq}} P(d|b, E) P(b) P(7a|b, E) P(j|d, 7a) P(m|d, 7a) P(E)$$

$$= p(b) P(j|d, 7a) P(m|d, 0) \underset{e,7e}{\underset{e,7e}{\neq}} P(d|b, E) P(1a|b, E) P(E)$$

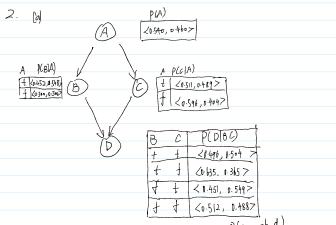
$$= 00 \times 0.7 \times 0.3 \times (0.9 \times 0.05 \times 0.02 \times 0.04)$$

$$+ 0.8 \times 6.1 \times 0.98$$

= 0.000/6653

P (7d, b, 7a, j,m) = p (b) [P(j | 7d,7a) P(m | 7d,7a) Z= [P(1d | b, E) | P(7a| b) E) P(E) = 0.0 | x 0. | x 0.2 x (0. | x 0.05 x 0.02 + 0.2×0.1×098) = 0.00000394

P(b,7a,j,m) = |P(d,b,7a,j,m) + |P(7d,b,7a,j,m)| = 0.00017047



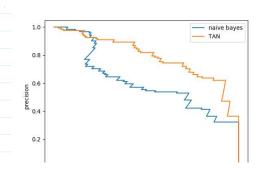
$$(b) \quad E \quad \text{Gep:} \quad P(c \mid a, \neg b, ob) = \frac{P(c, a, \neg b, d)}{P(c, a, \neg b, d) + P(\neg c, a, \neg b, d)} = \frac{0.5 + o \times 0.5 + o \times 0.5$$

$$|P(c|a) = \frac{|37 + (oc.)43^{\circ}}{28^{\circ}} = 0.508 \quad P(\pi c|a) = 0.492 \qquad \Rightarrow \qquad \uparrow \qquad < 0.508 \quad , 0.4927$$

$$|P(c|\pi a) = \frac{|37 + (c.0.43) \times |0|}{23^{\circ}} = 0.62 \quad o \quad |P(c|\pi a) = 0.38^{\circ} \qquad \qquad f \qquad < 0.620 \quad , 0.380 > 0.620$$

$$P(b|a) = \frac{122}{28^{\circ}} = 0.436 \quad P(b|a) = 0.564 \implies t < 0.436, 0.564> P(b|a) = P(b|a) = original value.$$

part2 I think fan has more predikting power with higher publion at some recall



part2 I think for has more predicting power with higher prusion at some recall 0.6 brecision 0.4 pegree of freedom n-1=10-1=9.

t on degree of freedom = 9 is 2.62.

Our tis higher than that!

I models have different predicting power,

with Ton has better accural, we can conclude that TAN'S better than MB.