$$07 = \frac{3}{5}$$
 $03 = \frac{6}{11}$ 
 $07 = \frac{2}{5}$ 
 $04 = \frac{5}{11}$ 

$$a_{0} = (3 - 8 p_{0})^{-1} \times$$

$$= (3 - 8 p$$

$$= \left(\begin{array}{ccc} 1 - 3\%_{60} & - \frac{13}{60} \\ -13\%_{60} & 1 - \frac{3\%_{60}}{1} \end{array}\right)^{-1} \left(\begin{array}{c} -1 \\ 1 \end{array}\right)$$

$$= \begin{pmatrix} 21/60 & -13/60 \\ -13/60 & 21/60 \end{pmatrix} \begin{pmatrix} -1 \\ 1 \end{pmatrix}$$

$$= \frac{1}{\frac{21\times 11}{60\times 60} - \frac{13\times 13}{60\times 60}} \left( \frac{21/60}{13/60} \right) \left( \frac{13/60}{13/60} \right) \left( \frac{13}{13} \right)$$

$$= \frac{60\times60}{272} \left( \frac{-21}{60} + \frac{13}{60} \right) = \left( \frac{-8}{60} \right) \times \frac{60\times60}{272}$$

$$\frac{-13}{60} + \frac{21}{60}$$

$$= \frac{480}{272}$$

$$= \frac{480}{272}$$

$$1.7647058824$$

= argman { (3/4 1/4 ) (+1.764705), (1/4 3/4) (+1.764705) + 1.764705) = aynax  $\left\{ \begin{array}{c} -1.76470) \\ 1.76470) \end{array} \right\} \left( \begin{array}{c} 1.76470) \\ 2 \\ -1.76470) \end{array} \right)$ = again (92  $P\Pi_{1} = \begin{bmatrix} 1/4 & 3/4 \\ 1/4 & 3/4 \end{bmatrix} = (I - 8 PM)^{3}$   $= (I - 8 PM)^{3}$   $= (I - 8 PM)^{3}$   $= (I - 8 PM)^{3}$  $= \begin{pmatrix} \frac{57}{60} & -\frac{3}{60} \\ -\frac{13}{60} & \frac{21}{60} \end{pmatrix}$  $= \frac{60\times60}{47\times21 - 13\times39} \left(\begin{array}{c} 21/60 & 33/60 \\ 13/60 & 47/60 \end{array}\right) \left(\begin{array}{c} -1 \\ 1 \end{array}\right)$  $= \frac{60 \times 60}{480} \left( \frac{18}{60} \right) = \frac{18}{480}$  $u_1 = \begin{pmatrix} 2.25 \\ 4.25 \end{pmatrix}$ Th = argman Pall sayman / (3/4 1/4) (2.25) (1/4 3/4) (2.25) (4.25) = agray  $\left\{ \begin{array}{c} 6.75 + 4.35 \\ 4 \\ 2.35 + 12.75 \end{array} \right\}$ = agnoss { (1/4), (1/4)}

$$\frac{1}{\sqrt{1}} = \begin{cases} 2 \\ 1 \end{cases} \qquad \frac{1}{\sqrt{1}} = \sqrt{1} \\ \sqrt{1} = \sqrt{1} \end{cases}$$

$$\frac{1}{\sqrt{1}} = \sqrt{1} = \sqrt{1} + \sqrt{1} +$$

False tie. Not actually a criminal but is predicted as one. The society would have any problem but the individual will have.

False -ve. It implies, he is actually a criminal but is predicted not. This will have a great impact on society became they can get are exposed to threat, cur we the criminal is being favored. A cut of o' would do, since we have o' false -ves. So that - there will be no harm to the society. But, if the ever vale is the concern then '9' is of a desirable cutoff.

(5) The least error vate is 883' with different risk scores, Bot when wing Metalans though, the error vate is all always less than '883'.

The Newal network model is good cur the error rate is less when compared to compare visk scores.