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Subject		•		,	•			•			٠	,		,	,		•		

No.:

Date://

TW -	TN 預測出的科·
FP	Epi
澳出的球牛	類則出的正样本
	FN
threshold: 1 2 bad classifier	threshold: 1' 2'
threshold: 1 2 bad classifier	threshold: 1' 's'

$$\Rightarrow \int FPR = \frac{FP}{FP+TN} = \frac{0.8}{0.8+0.2} = 0.8$$

$$\Rightarrow \begin{cases} FPR : \frac{FP}{FP+TN} = \frac{0.8}{0.8+0.2} = 0.8 \\ TPR : \frac{TP}{TP+FN} = \frac{1}{1+0} = 1 \end{cases}$$

threshold 1'

$$\Rightarrow \begin{cases} FPR = \frac{FP}{FPtTN} = \frac{0.3}{0.3t0.7} = 0.3 \\ TPR = \frac{TP}{TPtFN} = \frac{1}{1+0} = 1 \end{cases}$$

threshold 2': threshold 2:

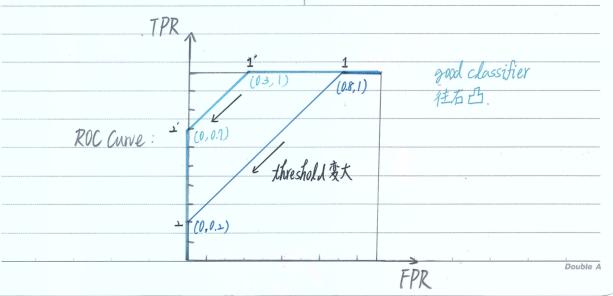
$$\begin{cases}
FPR = \frac{FP}{FP+TN} = 0 \\
0+1 = 0
\end{cases}$$

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FPR = \frac{FP}{FP+TN} = 0 \\
0+1 = 0
\end{cases}$$

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FPR = \frac{FP}{FP+TN} = 0 \\
0+1 = 0
\end{cases}$$

$$\begin{cases}
FPR = \frac{FP}{FP+TN} = 0 \\
0.7 = 0.7
\end{cases}$$

$$\begin{cases}
TPR = \frac{TP}{TP+FN} = 0.7 \\
0.7 = 0.7
\end{cases}$$





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No. :

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threshold 1:		thresh	old 1:

Recall =
$$\frac{1P}{TP+FN}$$
 = $\frac{1}{1+0}$ = 1
Precision = $\frac{TP}{TP+FP}$ = $\frac{1}{1+0.8}$ = 0.56

$$\Rightarrow \begin{cases} Recall = \frac{TP}{TP+FN} = \frac{1}{1+0} = 1 \\ Precision = \frac{TP}{TD+FD} = \frac{1}{1+0.3} = 0.11 \end{cases}$$

threshold >:

$$\Rightarrow \begin{cases} Recall = \frac{TP}{TP+FN} = \frac{0.2}{0.2+0.8} = 0.2 \\ Precision = \frac{TP}{TP+FP} = \frac{0.2}{0.2+0} = 1 \end{cases}$$

threshold
$$\leq$$
:

$$\Rightarrow \begin{cases} Recall = \frac{TP}{TP+FN} = \frac{0.7}{0.7+0.3} = 0.7. \\ Precision = \frac{TP}{TP+FP} = \frac{0.7}{0.7+0} = 1. \end{cases}$$

recision,	(021)	(011)		
and the second	7	7		good classifier
		=	(1,0.11)	往左凸.
PR Curve	threshold	1 変大		
	,		1 (1,0.56)	
	,			
	1	4 4 4 4		
		4 4 4 4		

Recall

Double A