Age	Spectacle	Astigmatism	Tear	Lenses (ground truth)
Young	Hypermetrope	Yes	Normal	Yes X FN
Young	Hypermetrope	No	Normal	Yes V TP
Young	Myope	No	Reduced	No No
Presbyopic	Hypermetrope	No	Reduced	No 7N
Presbyopic	Myope	No	Normal	No X FP
Presbyopic	Myope	Yes	Reduced	No V TN
Prepresbyopic	Myope	Yes	Normal	Yes V TP
Prepresbyopic	Myope	No	Reduced	No TN

FP= 1

Precision = 
$$\frac{TP}{TP + FP} = \frac{2}{2 + 1} = \frac{2 \cdot 066}{3} \approx 67$$

$$r = \frac{TP}{TP + FN} \qquad \frac{z}{2 + 1} = \frac{2}{3} = 0.006 \Rightarrow 67\%$$

F1 - Meusur?

$$F1 - Measare = \frac{2rP}{r+P} - \frac{2\left(\frac{z}{3}\right)\left(\frac{z}{4}\right)}{\frac{2}{3}} - \frac{\frac{z}{4r_3}}{\frac{2}{3}} - \frac{z}{3}$$

## 3.a) Leave-one-out / (LOO-CV) (NA

test case	Closest Neighbor	Distance	Prediction	Trud False	
0	3	<del>5</del> 2			y <b>1</b> ,0
<b>②</b>		√2			
3		Ţ			
Ø					
6					
0					x
Ø	5or6				
8					Error - number of every predictions = E = 4 = 0.4 - 40%
0	8				total number of predictions 10
(0)		12			

3.6)	oo-cv for	Nas									
test	case close	st Neighbor	prediction	Trud False							
(	0	,3,4	-,-,+	7							
	3) I,										
	9 3										
Č	5 6										
	) ,										
C	7) ,										
6	5				W-06-	number of w	rong predictions		0.2 = 20%		
C	0 5				Glver s	total number of	predictions	10			
	Ō -	1.5.9									

test case	prediction	leighbous are all other points TrudFalse	
0			
<b>©</b>			
3			
6			
6			
$\mathcal{O}$			
<b>B</b>			
(0)			labal number of prediceous



