Q Suffic	iency holds but	not Separation	^	
	lyper lipidemia			
1- G	egiction by	red clion = Ithe	whenever P(Hyperlipitemini Yes	s/Gender-Male) > 0, 5
	tender		Sufficiency	Separated
	a Prediction	Gender	P(HIPnG) = P(HIP)	$P(P HG) \neq P(P H)$
Yes	Yes	\mathcal{M}	0.2	0.15 0.2
Yes	Yes	F	9.2	0.1 0.15
Tes	No	W	0.1	0.2 6.2
Yes	No	F	0.1	0.15 0.05
No	Tes	M	Q. (0.1 0.2
No	Yes	F	9.1	
No	No	W	0. j	0.2 0.15
No	Na	F	0.1	
\sim				0:13 0,1
(2). Separation	on holds but	t not suffic		0.15 0.1
SeparationY: Hyp	on holds but erlipidemia (t not suffic Ground truth)	cierc)	
Y: Hyp	erlipidemia (Ground truth)	cierc)	ure famber & Fuidence
C: Pred	erlipidemia (liction pred	Ground truth)	cierc)	ure famber & Fuidence
Y: Hyp	erlipidemia (liction pred	Ground truth)	cierc)	ure Gorder & Evidence Evidence) > 0, 5 Separated
C: Pred	erlipidemia (liction pred der	Ground truth)	ciency. never P(Hyperlipilemini Yes/ Sufficiency P(H1PnG) & P(H1P)	ure Gorder & Evidence Evidence) > 0.5 Separated P(P HoG) = P(P H)
Y: Hyp C: Pred A= Gen Hyperlipidemia	erlipidemia (liction pred der	Ground truth) iclian= true whe	ciency. nevor P(Hyperlipikemina Yes/ Sufficiency	eve Gorder & Evidence Evidence) > 0.5 Separated: P(P HoG) = P(P H)
Y: Hyp C: Pred A= Gen Hyperlipidemia	erlipidemia (liction pred der Prediction Yes	Ground truth) iction= true who Gender	ciency. never P(Hyperlipilemini Yes/ Sufficiency P(H1PnG) & P(H1P)	eve Gorder & Evidence Evidence) > 0.5 Separated: P(P HoG) = P(P H) 0.2
Y: Hyp C: Pred A= Gen Hyperlipidemia Yes	erlipidemia (liction pred der Prediction Yes	Ground truth) Cilion= true who Gender M	revor P(Hyperlipitemini Yes/ Sufficiency P(H1PnG) & P(H1P) 0.3 0.1	ure Gorder & Evidence Evidence) > 0.5 Separated P(P HaG)=P(P H) 0.2
Y: Hyp C: Pred A= Gen Hyperlipidemia Yes Yes Yes	erlipidemia (liction , pred der - Prediction Yes Yes	Ground truth) Colion= true who Gender M E	eiercy. nevar P(Hyperlipitemini Yes Sufficiency P(H1PnG) + P(H1P) 0.3 0.1 0.1 0.15	ere Gorder & Evidence Evidence) > 0.5 Separated P(P HoG) = P(P H) 0.2 0.2
Y: Hyp C: Pred A= Gen Hyperlipidemia Yes Yes	erlipidemia (liction , pred der _ Prediction Yes Yes No	Ground truth) Ciclion= true who Gender M F M	siercy. never P(Hyperlipitemin=Yes/ sufficiency P(H1PnG) & P(H1P) 0.3 0.1 0.1 0.15 0.2 0.1	eve Gorder & Evidence Evidence) > 0.5 Separated P(P HoG) = P(P H) 0.2 9.2 0.1
Y: Hyp C: Pred A= Gen Hyperlipidemia Yes Yes Yes Yes	erlipidemia (liction pred der Prediction Yes Yes No No Yes Yes	Ground truth) iction= true whe Gender M F M	reval P(Hyperlipiteminityes) Sufficiency P(HIPAG) & P(HIP) 0.3 0.1 0.1 0.15 0.2 6.1 0.1 0.15 0.1 0.2	eve Gorder & Evidence Evidence) > 0.5 Separated P(P HoG) = P(P H) 0.2 0.1
Y: Hyp C: Pred A= Gen Hyperlipidemia Yes Yes Yes Yes No	erlipidemia (liction , pred der - Prediction Yes No No Yes	Ground truth) Ciclion= true who Gender M E M E M	reval P(Hyperlipiteminityes) Sufficiency P(HIPAG) & P(HIP) 0.3 0.1 0.1 0.15 0.2 6.1 0.1 0.15 0.1 0.2	eve Gorder & Evidence Evidence) > 0.5 Separated. P(P HcG) = P(P H) 0.2 0.1 0.1 0.1