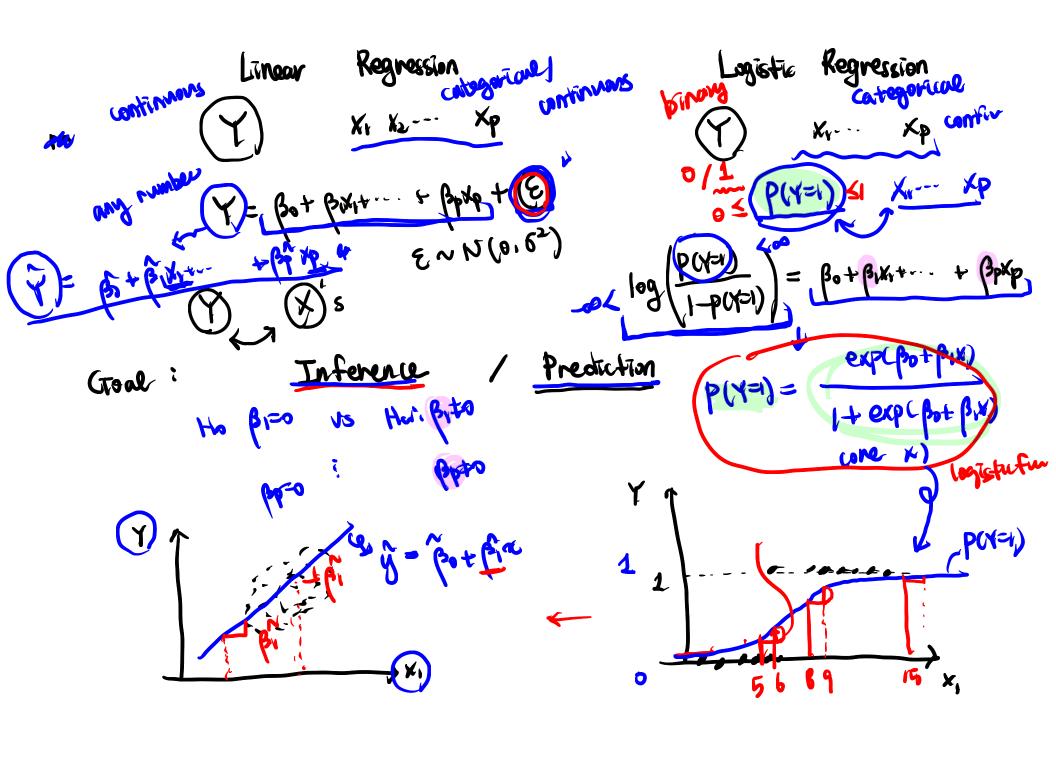
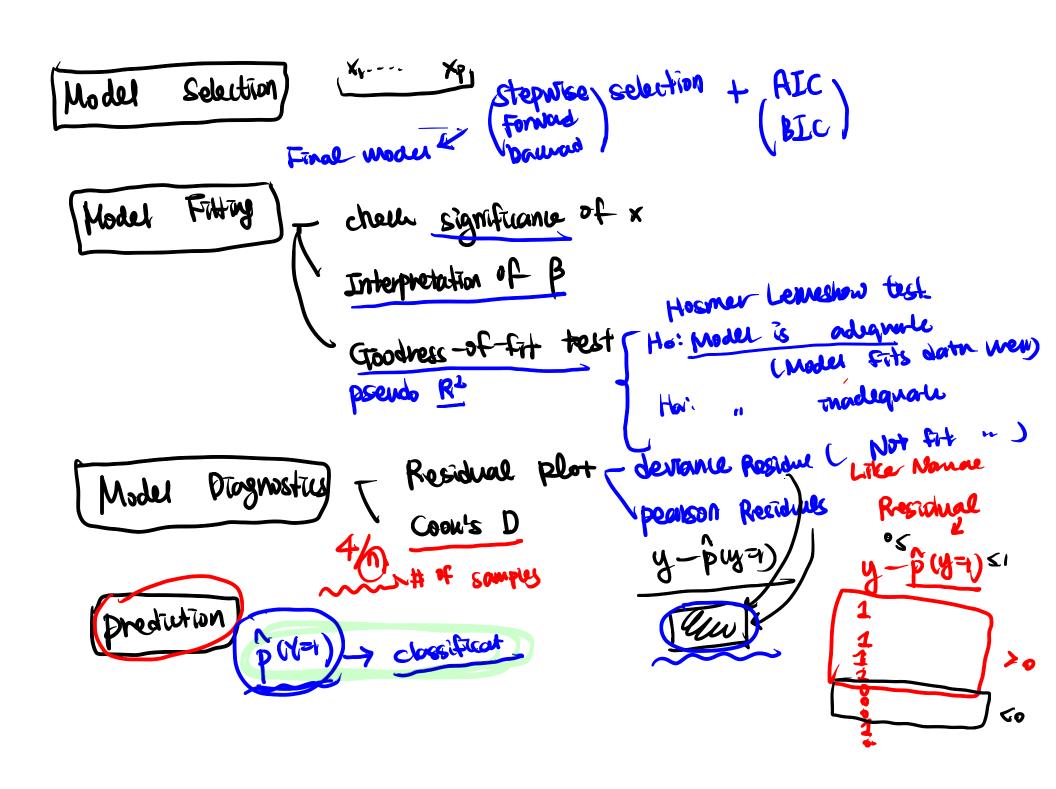
week 13 Logistic Reg 14 Thanksgring
15 Review. Kensen. (Pinear / Padetre Bod) - griss $\frac{p(y=1)}{1-p(y=1)} = 1$ $\frac{p(y=1)}{1-p(y=1)} = 0.5$ $\frac{p(y=1)}{1-p(y=1)} = 0.5$ $\frac{p(y=1)}{1-p(y=1)} = 0.5$ <1 lower chance of event * Odds Ratio (OR) Founder male: equal chance : no benom ettent. > 1 7 odes (Y=1) Runde) > odes (Y=1/Make). 41 3



Interpretation of
$$\beta_1$$
 $(\frac{p(x=1)}{1-p(x=1)}) = \beta_0 + \beta_1 \times$

$$\beta_1 = 0.3 \longrightarrow 0.70$$

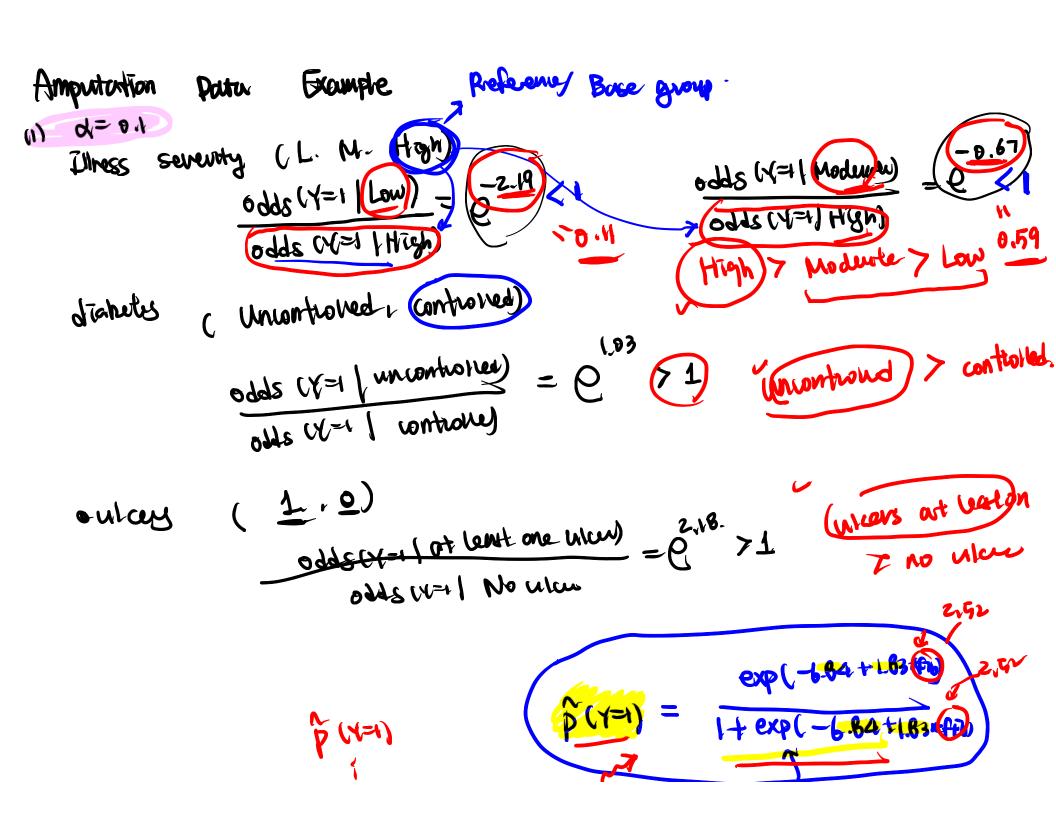


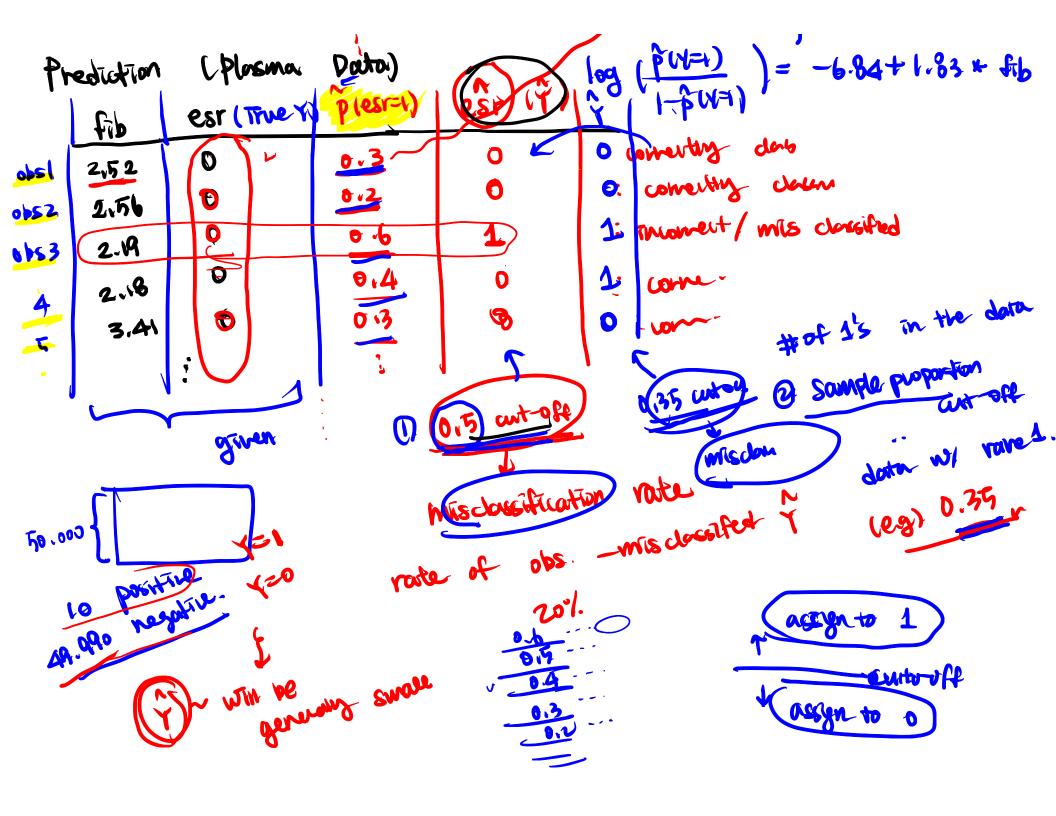
Xv	%	X4
XV	W = .	74

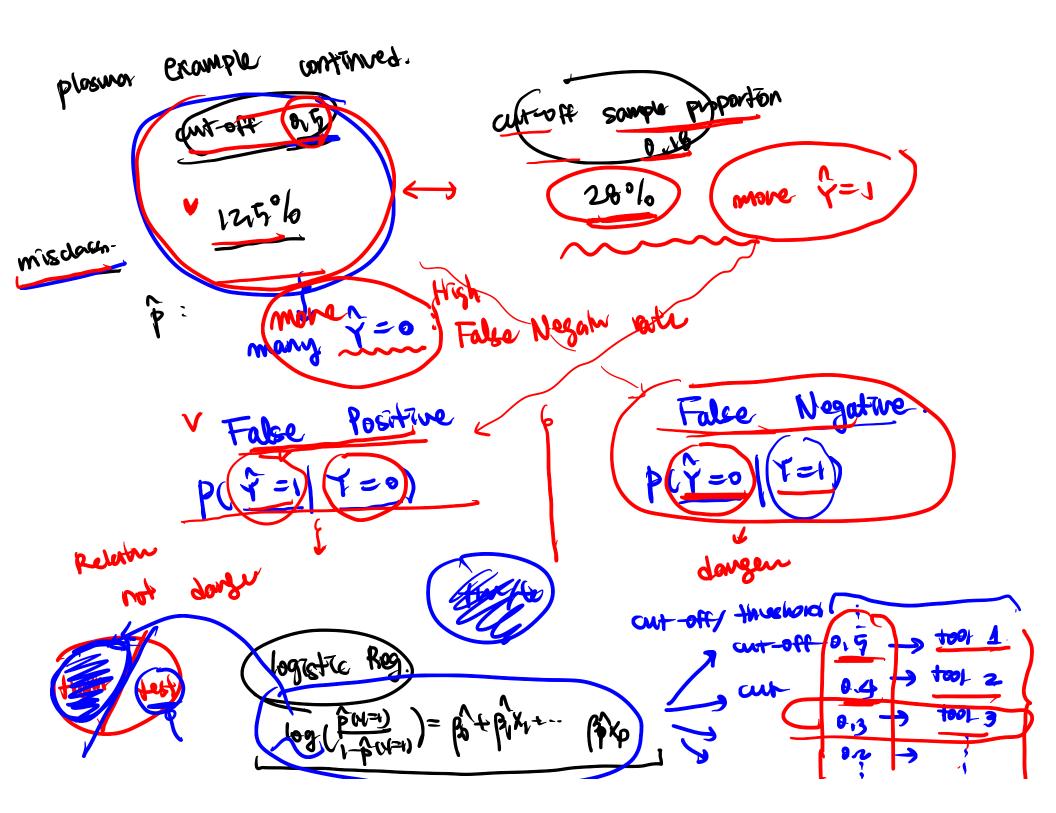
X X 4	smaller the	better	
Bachword Selection	TC	ALC: (500)	
Q Full model Y~ XV	+ X2+ +X45		
@ (ti) w/o x1 Y~ X2+ X3+ X4+ - Y~	wlo K2(ii) W , X,+ X3+ X4 Y	~XitXi+Xi	(iv) who xy Y~ x+x+x, AIC: ABO
ATC: AFO Remive (X)	ALC :470 : model (1)	ALC : 499 Smallet AEC	: 450 4500
ATC: PSO X ~ X3+X12 B) MP X1.(X5)	(11) Wb X1. (3) Y~ X2+ X4	(M) 4×1 (K)	2t Kz
ATC: 620	ALC: Tho	v AIC	1 KOS

Conclub? Rem X. Keep X2-- X4

Forward Selection + AIC Xv-- x4 人へ大き Y~ X3 1 NX2 ALE: 750 ALLYOD ALC: 800 ALC: 100 Enter XI 1~X1+X4 Q YNYHYZ







d=0.65 moderte High o Allross ceverty significant Low es Hyhi signih est. uncontrolled ulcears