Prof. Luiz Paulo Lopes Fávero

PRINTS DURANTE A AULA 20/08/2024

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1-P	probab	1.100	. 4	6 MA	à everto.

chance =
$$\frac{P}{1-P}$$
 everto
 $(odds)$
 $P = 0.80 = chance = \frac{4}{1} = \frac{4}{1}$
 $P = 0.25 = chance = \frac{0.25}{0.75} = \frac{1}{3}$
 $P = 0.50 = chance = \frac{1}{1} = \frac{1}{1}$

$$P = \frac{e^{z}}{1 + e^{z}} = \frac{1}{1 + e^{-z}}$$

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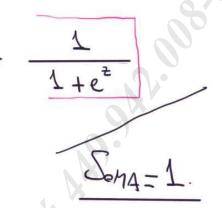
$$P = \frac{1}{1 + e^{-z}} = \frac{1}{1 + e^{-z}}$$

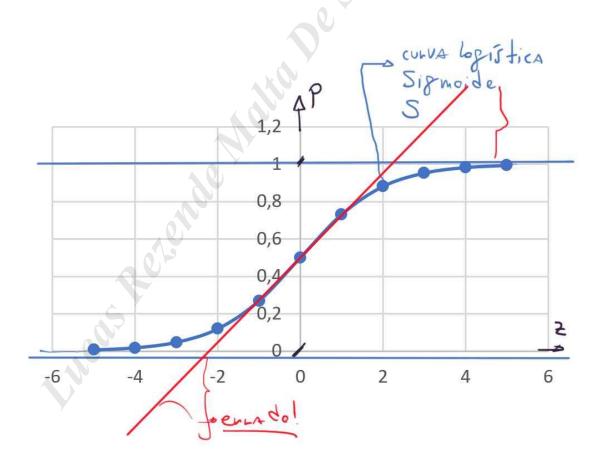
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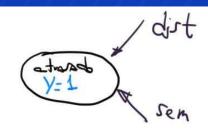
$$P = \frac{1}{1 + e^{-z}} = \frac{1}{1 + e^{-z}}$$

$$e = \lim_{n \to \infty} \left(1 + \frac{1}{n}\right)^n \stackrel{\text{d}}{=} \frac{2,71828}{2,71828}$$









$$p(Y_i) = p_i^{Y_i} \cdot (1 - p_i)^{1 - Y_i}$$

$$D: Hobbigas Bennoulli$$

$$p(1) = p^1 \cdot (1 - p) = P$$

$$p(0) = p^0 \cdot (1 - p)^1 = 1 - P$$

MBAUSP ESALQ

α	-26,16					
β ₁	0,19	Sor	natória LL _i	-50,466	38	
β ₂	2,36 Generalized	l Linear Mod	del Regres	sion Resul	ts	
Dep. Variable: Model: Model Family: Link Function: Method: Date: Time: No. Iterations: Covariance Type:	·	atrasado GLM Binomial Logit IRLS Aug 2024 21:34:51 7 nonrobust	Df Resid Df Model Scale: Log-Like Deviance Pearson	: lihood: :		100 97 2 1.0000 -50.466 100.93 86.7 0.2913
	coef std	l err	Z	P> z	[0.025	0.975]
dist SL 0	.1904	0.076 2	3.100 2.493 2.972	0.002 0.013 0.003	-42.712 0.041 0.804	-9.621 0.340 3.921
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	Logit Regre	ssion Resu	lts				
Dep. Variable: Model: Method: MAXAVA Date: Time: converged: Covariance Type:	atrasado Logit MLE e, 20 Aug 2024 22:17:05 True nonrobust	No. Obse Df Resid Df Model Pseudo R Log-Like LL-Null: LLR p-va	uals: : -squ.: lihood:		100 97 2 0.2544 -50.466 -67.686 3.324e-08		
coef	std err	z	P> z	[0.025	0.975]		
Intercept & -26.1665 dist	0.076	3.100 2.493 2.972	0.002 0.013 0.003	-42.713 0.041 0.804	-9.620 0.340 3.921		
x= -2.(L	Lo - LL	m)		4 m	elhor		
Prevolo R2 = -2 Llo - (-2 Llm) + methon -2 Llo							
AIC= -21Ln	+ 2.(k+1)) B1	:C=-	2. Llm + (K	+1). ln (n)		

