105/16	ALSM2 EXAM NOTES : POSTERNIR CADS
	Binomial and Policeir all the many infected?
	n= 10 people usud, y=7 infected
	Ha 8 € 05 H. 0705
	not endemic endemic
	110 1 2, 3
	Binomial (1) 87 (10) 8 6 = 3/1 = 07
	Possenir distribution of 8 girm y PLBIS) = P(418). PLBIS 5 0 (418) 20(8) db
1	"normaling constant" ply) = 5 p(y10)p(y) db
1	IR - 5° probable 2 put han H is EN
	2 cm to garage person and
	1 Uniform probability to valve of
	Has to integrate to 1
	5° (10) at 1, at 14 p(4) at
	IP = 1.5 (4/0 (1-01 00
	P4 (5) B4 (+0), 9B
	P(Bly) -> Checking that Inlegation from 05 to 1 is 95% + to price to
	6+(1-61) - 67-385-1389-63 Den inter
3	67(1-61) - 6 30 - 70
	[] or _ 088 = 6* Reject H, this is nt 7095
	[33
	Gra infortura il endernic
	Ballie (B. Opport Sey 80% Sure Infection is endernic
	107
	64 02 05
	Compute the prior cycin (integral function)
	Limber of the state of the stat

PUI = 616 705 - Chall If this is 70 95 to confirm H. - Relut 11 0 9691 Expert Sourd manay by not needing extra best or larger in Size to gain Significant relutify

-	
05/16	ALSIM 2 EXAM NOTES ALL-DEMANCE
	A measure of goulants of Fit defined by All = -2 Log L(p) +2p
	- a J. (A) the formulated objected by Mills
	- B are the estimated parameter that maximize the likelihood at log likelihood.
	- Logh(f) is the maximum value of the lay likelined
	-Logh(f) is the maximum value of the log Hellmood the likelihood with also having -68t model is a trace off between one that maximus the likelihood with also having
	the minimum number of pagetos
	- Select model with lowast Ail
	The second secon
3)	Deviance
	Null Denune = 2 (Log L (Sutraved male) - Logis (Null mode))
	Null Denume = 2 (Lay A (Source model) - Lay (Proposed Model)) Residual Denume = 2 (Lay A (Source model) - Lay (Proposed Model)) - Subrased Model assumes each data point has it's own prameter (in parameter)
	s hald myle glymes can allow pro-
	Life I would disting I happing
	- Note made assumes I parameter - Note made assumes I parameter - Proposal made assume) you can explain your data point with p parameter plus a intercept = p+1 - Proposal made assume of goodness of fix - Jawer numbers indicate a better fix - Deviance is a measure of goodness of fix - Jawer numbers indicate a better fix - Deviance is a measure of fix higher numbers indicate waite mades
	- natural is a measure of goodness of his - source project
	Or rother a measure of bodies of fit, higher plumpers indicate work moder
	tobiasing to product or productions
	-F mode is good, it is approximately 22 with (n-m,n=0) Dt.
7	$0.2^{1}(n-m,n=0)$
	16 Day = Do-45 it is a good mode

Fig.	
	3
- 05/16 ALSM 2 EXAM NOTES : MULTINOMIAL DISTRIBUT	
Odll Rulan Curhilar	
- Use OR value and standard error!	11 15 december 110 1010 0182 01
- Wen comparing two graph only I would	ne is ononging tree total, or many
Clye group! - Use the standard expor for their various!	
- In aligning example lare is only and	4 that though love 1 v lave 2
S.E lake I and yy is 0.74	
CE 1.10 2 and 44 151-2	
Prod 130 (parted epors = 1/(0.79)2+(17)2 = 1	145
Odd) ration ± 2 = 145 = 95 % (I	Account hip was amind (latel lula)
Odd) ration ± 2 × 140 = 95% (I	to alliand better group they are
7	
The state of the s	
THE RESERVE TO SERVE THE PARTY OF THE PARTY	
	The second secon
	A STATE OF THE PARTY OF THE PAR