

The state of the s	
= np Zx., (n-1) pm- (1-p) (n+)-(4-1)	ALSIN
= np 3 no (n) p(1.1) n 1 L L= M-1	Vla
= np = 100 (M) p = (1-p) M-L M= n-1	
$= np(p+(i-p))^m = npl^m = np$	Se
4 Value of 3 (tot Maximus) P(418)? 4 (418) (3) 64(1-6)	
1(9) (y) 07(1-0)	9
$= \left(\frac{1}{9}\right) \left[\theta^{y}(n-y)(1-\theta)^{n-y-1} + (1-\theta)^{n-y}y\theta^{y-1} \right] = 0$	
(g) (09-1(1-0) -y) [y(1-0) -0(n-y)] =0	
g(1-0) - O(n-y) =0	
y-yθ -0n+0y =0 θ (y-y-n) = -y	
$\theta = \frac{y}{n}$ or $y = 10$	
Ti= (" [g(p) []" [1-y(p) []" - y;	
La logit or pabil	-
1(n) 6 (n) (t) 10 10 10 10 10 10 10 10 10 10 10 10 10	1
L(p): 11-1 (9:) (y-1 (propin)) 41 (1-y-1 (porpin)) 11-y-1	
light (by, , by) = \(\int_{i=1}^{N} \) [light \(\frac{\alpha}{2} \) + \(\frac{\alpha}{2} \) + \(\frac{\alpha}{2} \) + \(\frac{\alpha}{2} \) + \(\frac{\alpha}{2} \) \(\frac{\alpha}{2} \) + \(\frac{\alpha}{2} \) \(\a	
lighte (p, p) = Fin [hg # + yi (p, tpx) + n: Loy(1+ exe (p, tpx:))]	
Mewan-Rophlen Methal	
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Fimi - Harpon V hylik pompon	
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