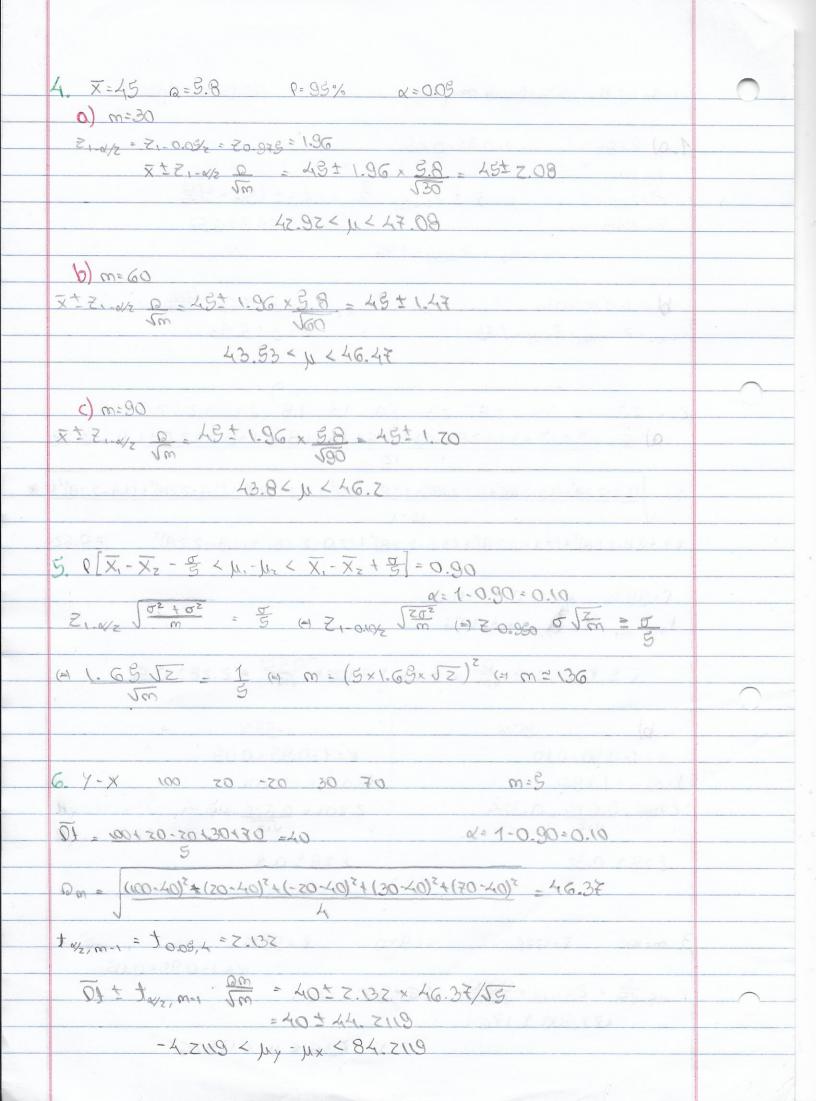
	Ficho mº 8 - Intervalos de cons	tioniga Epitatiation Aplicants		
		2736 22 23 23 23 23 23 23 23 23 23 23 23 23		
	1.0) P=95% a=1-0.95=	0.05		
	m= >0			
	$\sigma^z = 275$ $\mu = \overline{X} + \overline{T}$	Z(14/2) Vm = 64.3 + 1.96 × 120		
	X = 64.3	= 64.3 ± 6.57		
	₹1-0.05/2 = ₹0.	.975 = 1.96		
	11	77.6		
		M-X+7, d/2 = 643+1.65 x JZZS		
	Z1-d/z= Z1 0.10/z= Z0.9g = 1.65	= 64.3±5.53		
	7 73 10 71 70	23 3.6 1.4 1.8 21 32 7.0 1.90		
		+ Z.3+3.6+1.4+1.8+2.1+3.2+2.0+1.9 = Z.28		
	X = 22 · 10 / 2.1 / 2.0	12 13.01.1.19.672.11.9 = 6.60		
	0 = (23-2.28)2+(1.9-2.28)2+(21-2.	28)2+(2.8-2.28)2+(23-2.28)2+(3.6-2.28)2+(4-2.28)24 # =		
		15 o 1		
	* > + (1.8-7.78)2+(7.1-2.78)24 (3	$3.2-2.28)^2+(2.0-2.28)^2+(1.9-2.28)^2=0.679$		
	00	0-184 X - X > 10-14 > 3-18-X 7 2		
	P=99% X=1-0.99=0.	10.		
	twz, m-1 = taxos, 11 = 3.106			
1	0 - 1 4 . 0	Z. 28 ± 3.106 × 0.625 = Z. 28 ± 0.36		
	X = 14/2, m-1 × Vm =	Z. 28 = 3.06 × Jiz = 2.28 = 0.96		
	b) 90%	93%		
	x=1-0.90=0.10	x=1-0.95=0.05		
	to.08,11 = 1.796	105.5 = 1, 250.0t		
	1.796 x 0.678 = 0.374	Z.201 x 0.678 - 0.4		
	115	SIZ SIZ		
	7.78 ± 0.32	4.0 ± 85.5		
	0 0 500 A 0 304 000	2108-2011 De 8-92 harren x (2002)		
	1000	A 1 20.00 25 - 0.05		
	3. m=100 X=177500	S=9000 P=95%		
	21-0/2 5 = 20.973 × 9000 = 1.96 × 900 = 1764			
	177300 ± 1764.			
		175736 < M < 179764		



	7. 0) XA = 8260 SA = ZS1.89 P= 99% m=3/
	XB = 7930 SB = 206.52
	Sec. 2:8:3-2:8
	tw/z, GL = to.008,8 = 3.388
	$(\bar{x}, -\bar{x}_z) \pm t_{wz, GL} = 50$ $\int_{m_1 + m_2}^{m_2} = 330 \pm 486.35$ = 330 $\pm 486.35$
	- 550 - 766.55
	b) P=90% V=1-0.90=0.10
	\$0.05.8 = 1.860 330 ± 1.860 · 229 · 708 J = 1 = 330 ± 269.63
	20.05,8 - 1.000 350 - 1.800 - 225 . 75 1 5 - 530 - 269 . 65
_	
	8. a) m=30 x=91.1 s=3.4 P=99%
	$mz = 50$ $\bar{x}_z = 92.3$ $5z = 7.6$ $\alpha = 1-0.95 = 0.05$
	$(\bar{x}_1 - \bar{x}_2) \pm \bar{z}_{1-4/2} \sqrt{\frac{5?}{m_1}} = 91.1 - 92.3 \pm \bar{z}_{0.975} \sqrt{\frac{5.4^2}{50}} \pm \frac{7.6^2}{50}$
	$= -1.2 \pm 1.96 \sqrt{\frac{5.4^2 + \frac{2.6^2}{50}}{50}}$
	= -1.2 ± 2.58
	$\frac{1}{2}$ $\frac{5^2}{2}$ $\frac{5^2}{2}$ $\frac{5^2}{2}$ = 7.58
	D) 21-0/2 Vm, m2 = 2.38
7	
	9.0) p= 30 = 0.28
	b) P=95.4% x=1-0.954=0.046
	Z1-N2 P(1-p) = Z1-0.046/2 0.28(1-0.28) - 0.0568
	00.5 : 550.05
	The second of th
	5 10.0 s EP-0-0 = x 1 = 0P-1 = 0 = 10A = M
	10. m = 500 p = 500 0.082 P = 95%
	(0(1-0)) X=(-0.95=0.05
	$0.082 \pm 0.082 \pm 0.08$
	21-0.08/2 = 21.986 = 1.96

12. 0) m=60 x=35		0-7 P=93% 20.0=80.0=1=0	
12.0) m=60  x=25  p=35 = 0.38  b) (=35%	at >   0(1-8)		
12. 0) m=60 x=35	b= Every Jum	500.0 ± 3.0 = 8.0×5.0 × 60.0 ± 3.0.0	
12. 0) m=60  x=35	Z1-009/z = Z0.978 = 1.96		
60  b) P=95%			
60  b) P=95%	24.3	87 × 068 = 19 191	
P = 2 - 1/2   \frac{1(2-1)}{m} = 0.38 \tau   1.96   \frac{38(10.38)}{60} = 0.38 \tau 0.175   21. w = 100	12. a) m=60 x=35	9:38:0.58	
P = 2 - 1/2   \frac{(2-p)}{m} = 0.38 \tau   1.96   \frac{0.38(10.38)}{60} = 0.38 \tau 0.175   \[ \begin{align*}		60 man and a second of the	
21. $w_{2} = 21.003/2 \cdot 20.975^{2} \cdot 1.96$ 13. $m = 400  x = 440$ a) $1 = 90\%  x = 4-0.90 = 0.10$ $1 = 140  0.35  21.                                  $	b) P=95% N=1-	0.95 = 0.05	
13. m=400 x = 140  a) P=90% N=1-0.90 = 0.10  P=140 = 0.35 Z - w/z = Z - 0.02 = Z - 0.05  p ± Z - w/z   P(1-P) = 0.35 ± 1.65 ×   0.35 × (1-0.35) = 0.35 ± 0.039  b) 95% 98%  N=1-0.95=0.08 N=1-0.98=0.02  Z - w/z = Z - 0.05/z = Z - 0.96=2.33  P± Z - w/z   P(1-P) = 0.35 ± 0.04 ×   0.25 ± 0.056  14. x = 132 x = 90 P=99%  M=400 m=150 x = 10.99=0.01  Px=132 = 0.33 PD=90 = 0.6 Z - w/z = Z - 0.96 = Z - 38  (Px-PD) ± Z - w/z   P(1-PA) = P(1-PB) = -0.27 ± 0.120	6 + 5 + 4/5 16(1-b) = C	0.58 ± 1.96 (0.58 (1.0.58) = 0.58 ± 0.175	
13. m=400 x = 140  a) P=90% N=1-0.90 = 0.10  P=140 = 0.35 Z - w/z = Z - 0.02 = Z - 0.05  p ± Z - w/z   P(1-P) = 0.35 ± 1.65 ×   0.35 × (1-0.35) = 0.35 ± 0.039  b) 95% 98%  N=1-0.95=0.08 N=1-0.98=0.02  Z - w/z = Z - 0.05/z = Z - 0.96=2.33  P± Z - w/z   P(1-P) = 0.35 ± 0.04 ×   0.25 ± 0.056  14. x = 132 x = 90 P=99%  M=400 m=150 x = 10.99=0.01  Px=132 = 0.33 PD=90 = 0.6 Z - w/z = Z - 0.96 = Z - 38  (Px-PD) ± Z - w/z   P(1-PA) = P(1-PB) = -0.27 ± 0.120	Z1-4/2 = Z1-0.09/2 = Z0.978=	1.96	
0) $P = 90\%$ $V = 1 - 0.90 = 0.10$ $P = 140 = 0.38$ $P = 1.65$ $P = 1.60$ $P$			
0) P=90%			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	13. m=400 x=140	3 \$ 6.6.5.00 1 3.5.4 th 0 3 t ( 5 - 5 ) 1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	a) P=90% N=1-0	0.90 = 0.10	
b) 95% 98% \(\varepsilon \cdot \cd	P=140=0.35 Z	71-4/2= 21-0-19/z= 20-950 = 1-65	/
b) 95%  \( \times \cdot \) 98%  \( \times \cdot \) \( \times \cdot \cdot \) \( \times \cdot \) \( \times \cd	0 t 7 (P(1-P) - 0	36 1 1.66. (036.11-0361 036+000	
	1 - 1-WZ V M	400	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	b) 95%	98%	
$ \begin{array}{llllllllllllllllllllllllllllllllllll$			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	K=1-0.93=0.08	x - 1 - 0 0 0 0 0	
$m_{A=400} \qquad m_{B=130} \qquad \alpha = (-0.99 = 0.01)$ $p_{A=132} = 0.33 \qquad p_{B=90} = 0.6 \qquad \Xi_{1-4/2} = \Xi_{0.995} = 7.38$ $(p_{A}-p_{B}) = \Xi_{1-4/2} \qquad p_{A}(1-p_{A}) + p_{B}(1-p_{B}) = -0.27 = 0.120$			
$m_{A}=400 \qquad m_{B}=130 \qquad \alpha = (-0.99 = 0.01)$ $p_{A}=132 = 0.33 \qquad p_{B}=90 = 0.6 \qquad \Xi_{1} = \alpha_{2} = \Xi_{0.995} = 7.38$ $(p_{A}-p_{B}) \pm \Xi_{1} = \alpha_{2} \qquad p_{A}(1-p_{A}) + p_{B}(1-p_{B}) = -0.27 \pm 0.120$	Z. Wz = Z, -0.08/2 = 20.978 = 1.	96 Zudz=Zudozz=Zo.990=Z.33	
$m_{A}=400 \qquad m_{B}=130 \qquad \alpha = (-0.99 = 0.01)$ $p_{A}=132 = 0.33 \qquad p_{B}=90 = 0.6 \qquad \Xi_{1} = \alpha_{2} = \Xi_{0.995} = 7.38$ $(p_{A}-p_{B}) \pm \Xi_{1} = \alpha_{2} \qquad p_{A}(1-p_{A}) + p_{B}(1-p_{B}) = -0.27 \pm 0.120$	Z. Wz = Z, -0.08/2 = 20.978 = 1.	96 Zudz=Zudozz=Zo.990=Z.33	
$P_{A} = \frac{132}{200} = 0.33$ $P_{B} = \frac{90}{90} = 0.6$ $Z_{1} = \frac{20.995}{20.995} = 7.38$ $(p_{A} - p_{B}) = \frac{20}{20.27} = \frac{20.995}{20.120} = -0.27 = 0.120$	Z. Wz = Z, -0.08/2 = 20.978 = 1.	96 Zudz=Zudozz=Zo.990=Z.33	
051.0 ± 75.0-= (89-1)89 , (89-1)89 510-15 ± (89-49)	Z. yz= Z,-0.08/z= Z0.978= 1.9 p± Zvz Jemel = 0.38±0.	96 Z. dz = 7.000/2 = 20.990 = 2.33 047 Pt Z. dz Jeli-pl = 0.35 ± 0.056	
(PA-PB) = 21-0/2   PA(1-PA) + PB(1-PB) = -0.27 ± 0.120	$Z_{1.\sqrt{2}} = Z_{1.0.05/2} = Z_{0.975} = 1.0$ $Q^{\pm}Z_{1.0/2} = Z_{0.975} = 0.35 \pm 0.0$	26	
	$Z_{1.\sqrt{2}} = Z_{1.0.05/2} = Z_{0.975} = 1.0$ $Q^{\pm}Z_{1.0/2} = Z_{0.975} = 0.35 \pm 0.0$	26	
	Z_1. \(\sigma_z = \frac{7}{2}, -0.0\frac{1}{2} = \frac{7}{2}	$\frac{96}{96} = \frac{2}{6} = $	
	Z_1. \(\sigma_z = \frac{7}{2}, -0.0\frac{1}{2} = \frac{7}{2}	$\frac{96}{96} = \frac{2}{6} = $	

