

02	Let Pi= Drown;
18.2	Let PI = propostion of Republic votess in First state
	PI = DXOP OF REPUBLIC VOICES IN Second
	1 D2= POOD OT REPULL
	mi=votess from Pinal
	m= votexs from Second state (sample) = 100
	StatelSample)=100
_ <u>l</u> -	25 Sample size enough to model differences 25 Sample size enough
	miPI = 100x0.52 = 52 ini(1-PI)=100x0.49 = 1.9 in 02 = 100x0.43
	= $\frac{579}{100}$; $M_2(1-P_2) = \frac{100\times0.53}{100\times0.53} = \frac{53}{100}$ are greated = 47
	than 10, so sample size is enough.
2.	Mean of the difference in sample propostions
	E(P1-P2)=0.52-0.47=0.05
3.	Standard deviation of the difference
	$= d = \sqrt{\frac{P_1(1-P_1)}{n_1} + \frac{P_2(1-P_2)}{n_2}} = \sqrt{\frac{0.52 \times 0.48}{100}} \sqrt{\frac{0.47 \times 0.53}{100}}$
	5d=√n1 √n2 V 100 V
	= 0.0706
	P' I supplied the M DICP2. This is equal
4.	we need to find probability of PICP2. This is equal to PI-P2 0. We need to transform PI-P2 in to
	to P1-P220, We need to carried 1.
	7-Score.
	0.0706
	Probability of Zscore less than 00 beign -0.7082 is
	Probability of 25cm
1	(0.24)