	Lesson	18-Generalizat	ion- One sample t-test
	Lesson Objectives 1. How to do hypothesis test wi quintatative data		
		(one propurtion)	The state of the s
Sł	atistic	(observed proportion)	X (sample mean) S (sample stander) deviation)
Paran	eter	(population proportion)	(population mean)
			or (population sd)
		$SD(\hat{\rho}) = \sqrt{\frac{\pi(1-\pi)}{n}}$	$SD(\bar{x}) = \sqrt{\frac{\sigma}{n}} \rightarrow \frac{cpproximated}{\sqrt{\frac{s}{n}}}$ (SD of suple means)
Stende		$\hat{\rho} - \pi$	
Stati	she	$Z = \frac{\hat{\rho} - \pi}{\sqrt{\pi(1-\pi)}}$	$t = \frac{\bar{x} - \mu}{\frac{s}{\sqrt{n}}}$
		≥ 10 Successes	symmetric OR
Validi	itions	> 10 failures	20 observations & not strongly skewed' (sample distribution)
Pul	ve !		
	Ha>		1-pt(t, n-1)
	Ha L 1	bow (F)	
	Ha 7	2* (1-pnurm (abs(2)))	2* (1- pt (abs(t), n-1))
•			t
	"uncertainty" adds weight to the tails		

