CONF	FIDENCE INTERVALS	HYPOTHESIS TESTS			
	and 	IDENTIFY: Identify the _			
	name the appropriate interval. ditions for the procedure are met.	CHOOSE: Choose and name the appropriate test. CHECK: Check that conditions for the procedure are met. CALCULATE: standardized test statistic =			
<pre>df = (if applicable) (,)</pre>		df = (if applicable) p-value =			
CONCLUDE: We are C%		CONCLUDE: p-value < α,			
We have evidence that We do not have eviden	[], because []. OR ce that [], because [].	OR p-value > α ,			
When the parameter i	s: a single proportion p	When the parameter is: a single mean μ			
CHOOSE:	to estimate p , or to test H_0 :	CHOOSE:	to est to tes	imate μ , or it H_0 :	
CHECK:		CHECK:			
CALCULATE: (point estimate:	or)	CALCULATE: (point estimate:	or)	
SE of estimate: for CI, use	; for Test, use	SE of estimate: $df =$			
When the parameter i	s: a difference of proportions p_1 - p_2	When the parameter is	When the parameter is: a difference of means μ_1 - μ_2		
CHOOSE:	to estimate $p_1 - p_2$, or to test H_0 :	CHOOSE:	to estimat to test H_0	te $\mu_1-\mu_2$, or:	
CHECK:		CHECK:			
CALCULATE: (or)	CALCULATE: (or)	
point estimate:		point estimate:			
SE of estimate:		SE of estimate:			

df =

; for Test, use

for CI, use

When the parameter is: a mean of differences μ_{diff}		When the parameter is: the slope of a regression line β_1		
CHOOSE:	to estimate μ_{diff} , or to test H_0 :	CHOOSE:	to estimate β_1 , or to test H_0 :	
CHECK:		CHECK:		
CALCULATE: (or	1	CALCULATE: (or	
	,		or	
point estimate:		point estimate:		
SE of estimate: df =		SE of estimate: df =		
The χ2 tests for categorical variables	s. chi-square statistic —			
When comparing the distribution of	<u> </u>		listribution	
CHOOSE:	one categorical variable	to a fixed/specified population of	iistribution)	
CHECK:				
To calculate expected count	ts for each category			
CALCULATE: ()			
$\chi^2 =$				
df =				
When comparing the distribution of	a categorical variable acr	oss 2 or more populations/treat	ments	
CHOOSE:				
CHECK:				
CALCULATE: (then		to find expec	ted counts)	
$\chi^2 =$		to iniu expec	teu counts)	
df =				
When looking for association or dep	endence between two ca	ategorical variables		
CHOOSE:				
CHECK:				
CALCULATE: (then		to find expect	ted counts)	
$ \chi^2 = \\ df = $		·		