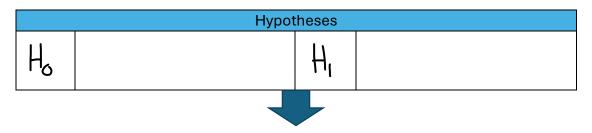
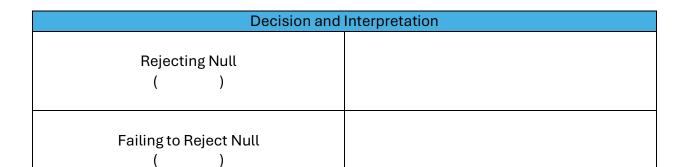
#### GOODNESS OF FIT

How to tell it's Goodness of Fit		



Math Time!		
Expected Counts		
Test Statistic		
Degrees of Freedom		
P-value		



Calculator Trick	
(X <sup>2</sup> GOF-Test)	

How do you get there?	
What do you need for it?	
What do you get from it?	

## TEST OF INDEPENDENCE & TEST OF HOMOGENEITY

How to tell it's		
Test of Independence	Test of Homogeneity	

Hypotheses			
	Test of Independence		Test of Homogeneity
$H_{\delta}$		Ho	
H		Н,	



Math Time!		
Find Row/Column Totals & Overall Total	*Note: Overall total is found by adding row totals <b>OR</b> column totals	
Expected Counts		
Test Statistic		

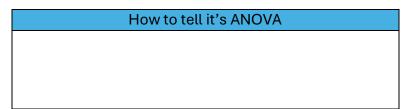
Degrees of Freedom	
P-value	

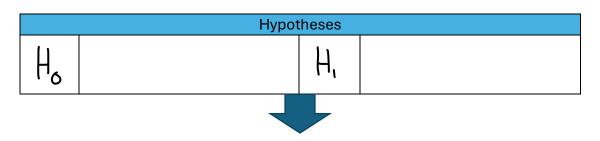


Decision and Interpretation		
Rejecting Null	TOI	
( )	тон	
Failing to Reject Null ( )	TOI	
	тон	

Calculator Trick		
Part 1: The Matrix		
How do you get there?		
What do you need for it?		
Part 2:	X <sup>2</sup> -Test	
How do you get there?		
What do you need for it?		
What do you get from it?		

## <u>ANOVA</u>





	Between	Within
Sum of Squares		
Degrees of Freedom		
Mean of Squares		
Test Statistic		
P-value		



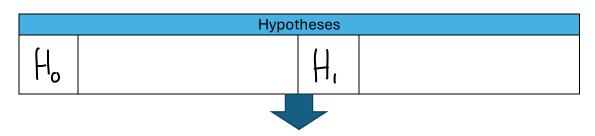
Decision and Interpretation		
Rejecting Null ( )		

Failing to Reject Null	
( )	

Calculator Trick (ANOVA)		
How do you get there?		
What do you need for it?		
What do you get from it?		

# POST-HOC

How to tell it's Post-Hoc		
*Note: Only use when you	on ANOVA!	



Decision and Interpretation for Each Comparison		
Rejecting Null ( )		
Failing to Reject Null ( )		



#### Interpretation Overall