

<b>✓</b>	Congr	ratulations! You passed!	Next Item
		-	
<b>~</b>	1.	What primarily distinguishes a oneway <u>repeated measures</u> ANOVA for ANOVA?	rom a oneway
1 / 1 point		The presence of multiple factors.	
		The presence of a between-subjects factor.	
		The presence of a within-subjects factor.	
		Correct	
		The presence of both between- and within-subjects factors.	
		None of the above.	
<b>~</b>	2.	All else being equal, which of the following is a reason to use a within instead of a between-subjects factor?	n-subjects factor
1/1 point		The data is more reliable.	
		The data exhibits less variance.	
		Correct	
		The factors are easier to analyze.	
		The exposure to confounds is less.	
		Less time from each subject is required.	
<b>~</b>	3.	In a repeated measures experiment, why should we encode an <i>Orde</i> whether it is statistically significant? (Mark all that apply.)	er factor and test
1 / 1 point		To examine whether the presentation order of conditions ex significant effect on the response.	erts a statistically
		Correct	
		To examine whether any counterbalancing strategies we use	ed were effective.
		Correct	
		To examine whether an order confound has affected our res	uilts

		Correct
		To examine whether our factors cause changes in our response.
		Un-selected is correct
		To examine whether our experiment discovered any differences.
		Un-selected is correct
~	4.	How many subjects would be needed to fully counterbalance a repeated measures factor with four levels?
1 / 1 point		<u> </u>
		○ 8
		<u> </u>
		24
		Correct
		<u>32</u>
<u> </u>	5.	For an <u>even</u> number of conditions, a balanced Latin Square contains more sequences than a Latin Square.
1 / 1 point		○ True
		■ False
		Correct
~	6.	For a within-subjects factor of five levels, a balanced Latin Square would distribute which of the following number of subjects <u>evenly</u> across all sequences?
1/1 point		<u> </u>
		<u> </u>
		20
		Correct
		35

<b>~</b>	7.	Which is the key property of a long-format data table?		
1/1		Each row contains only one data point per response for a given subject.		
point		Correct		
		Each row contains all of the data points per response for a given subject.		
		Each row contains all of the dependent variables for a given subject.		
		Multiple columns together encode all levels of a single factor.		
		Multiple columns together encode all measures for a given subject.		
<b>~</b>	8.	Which is <u>not</u> a reason why Likert-type responses often do not satisfy the assumptions of		
1/1		ANOVA for parametric analyses?		
point		Despite having numbers on a scale, the response is not actually numeric.		
		Responses may violate normality.		
		The response distribution cannot be calculated.		
		Correct		
		The response is ordinal.		
		The response is bound to within, say, a 5- or 7-point scale.		
•	9.	When is the Greenhouse-Geisser correction necessary?		
1/1		When a within-subjects factor of 2+ levels violates sphericity		
point		When a within-subjects factor of 2+ levels exhibits sphericity		
		When a within-subjects factor of 3+ levels violates sphericity		
		Correct		
		When a within-subjects factor of 3+ levels exhibits sphericity		
		None of the above.		
		Traine of the above.		
~	10.	If an omnibus Friedman test is <u>non-significant</u> , <i>post hoc</i> pairwise comparisons should be carried out with Wilcoxon signed-rank tests.		
1 / 1 point		True		
		False		
		Correct		

