<b>✓</b>	Congratulations! You passed!	Next Item
<b>~</b>	1 / 1 point	
1. What is	s experimental control?	
	Ensuring that nothing happens in an experiment without the experimen	ter knowing about it.
	Ensuring that every subject gets to experience every condition in the exp	periment.
	Ensuring that measures are made correctly and precisely.	
0	Ensuring that systematic differences in observed responses can be attributed that systematic differences in observed responses can be attributed that systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic differences in observed responses can be attributed to the systematic difference of the systema	outed to systematic
Corre	ect	
	None of the above.	
<b>~</b>	1 / 1 point	
2.	of the following are examples of notestial senfounds? (Meyly all that are h	<i>(</i> )
vvnicn	of the following are examples of potential confounds? (Mark all that apply	
	In a website A/B test, every visitor was different from every other visitor.	
Un-selected is correct		
	In a website A/B test, males all saw website "A" and females all saw webs	site "B".
Corre	ect	
	In a website A/B test, every visitor hitting the site before noon saw websit hitting the site after noon saw website "B".	ite "A", while every visitor



	In a website A/B test, site "A" was different from site "B".
Un-se	elected is correct
	In a website A/B test, sites "A" and "B" were measured a second time with a new batch of visitors, just to be sure.
Un-se	elected is correct
<b>~</b>	1 / 1 point
3.	
	ical validity and experimental control cannot both be maximized.
	True
	True
Corre	ect
	False
<b>~</b>	1 / 1 point
4.	
Which	of the following was <u>not</u> an option discussed in lecture for handling a potential confound?
	Manipulate it systematically vary it to see if doing so causes systematic changes in the response.
	Control for it ensure that its effects are spread evenly across all subjects.
	Measure it at least record its value so it can be later examined for possibly having had an effect.
0	Hide it don't let subjects encounter it in the first place.
Corre	ect

	All of the above are options.
Underst	All of the above are options. anding Validity

Quiz, 12 questions

<b>~</b>	1 / 1 point
5.	
Which	of the following is <u>not</u> another term for the response in an experiment?
	Dependent variable
	Measure
	Outcome
	Υ
0	Factor
Corre	ect
<b>~</b>	1 / 1 point
6.	
Which	of the following are assumptions of ANOVA? (Mark all that apply.)
	Reliability of residuals
Un-s	elected is correct
	Normality
Corre	ect
	Homoscedasticity
Corre	ect
	Independence
Corre	ect



<b>~</b>	1 / 1 point
7. Which	of the following was <u>not</u> a common data distribution reviewed in lecture?
	Normal
	Lognormal
0	Bimodal
Corre	ect
	Exponential
	Gamma
	Poisson
	Binomial
	Multinomial
<b>~</b>	1/1 point
8. For wh	at kind of experiment would a multinomial distribution be relevant?
O	For an experiment in which the response is categorical with more than two categories.
Corre	ect
	For an experiment in which the response is bimodal.
	For an experiment in which the response is scalar.
	For an experiment in which the response is Poisson.

		_		
Oui	7 1	ane	≥sti	าทร

<b>~</b>	1 / 1 point
9. Most p	recisely, parametric analyses differ from nonparametric analyses in what way?
	Parametric analyses operate on ranks.
	Parametric analyses make assumptions about the spread of data.
0	Parametric analyses make assumptions about the distribution of the response within the
	population.
Corre	ect
	Parametric analyses are easier to use.
	None of the above.
	1 / 1 point lly, an advantage of parametric analyses over nonparametric analyses is statistical power, <i>i.e.</i> , the to detect differences.
0	True
Corre	ect
	False
<b>1</b> 1.	1 / 1 point
	rametric analyses must meet the three assumptions of ANOVA.
	True
0	False

Quiz, 12 questions



1/1 point

12.

Nonparametric analyses typically operate on ranks.



True

Correct







