

UTAustinX: UT.7.10x Foundations of Data Analysis - Part 1



Week 4: Bivariate Distributions (Categorical Data) > Lecture Videos > The Contingency Table

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 Bivariate
 Distributions
 (Categorical
 Data)

Readings

Reading Check due Mar 15, 2016 at 18:00 UTC

Lecture Videos

Comprehension Check due Mar 15, 2016 at 18:00 UTC



SPEAKER: MICHAEL J. MAHOMETA, Ph.D.

We know how to look at a the relationship between two

numerical or quantitative variables.

But what about categorical or qualitative variables?

Can we examine the

srt

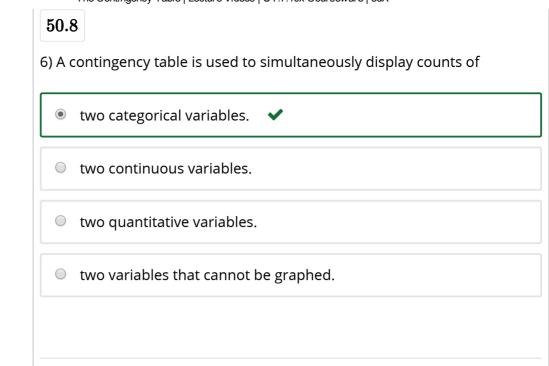
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Comprehension Check

Here is data from a research study on the relationship between sex and fear of heights.

	Men	Women
Expressed a Fear of Heights	68	109
Did Not Express a Fear of Heights	94	89

R Tutorial Videos	(6/6 points)1) What fraction represents the proportion of people in the study that		
Pre-Lab Pre-Lab due Mar 15,	were afraid of heights?		
2016 at 18:00 UTC Lab Lab due Mar 15, 2016 at 18:00 UTC Problem Set Problem Set due Mar 15, 2016 at 18:00 UTC	162/360		
	● 177/360 		
	0 183/360		
• Week 5: Linear Functions	O 198/360		
	2) How many simple events (outcomes) were possible for participants in this study?		
	© 2		
	© 3		
	● 4		
	3) Of those participants that were afraid of heights , what percentage were men? (<i>Round to 1 decimal place with no % sign.</i>) 38.4		
	4) What percentage of women were afraid of heights? (<i>Round to 1 decimal place with no % sign.</i>)		
	55.1 ✓ Answer: 55.1		
	55.1		
	5) What percentage of all participants were not afraid of heights? (<i>Round to 1 decimal place with no % sign.</i>)		
	✓ Answer: 50.8		



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