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Back to Week 3



11/11 points earned (100%)

Quiz passed!



1/1 points

1.

How many of the 13 variables are categorical?

- O 5
- O 6
- 0

7

Correct

O 8



1/1 points

2

Which of the following best describes the distribution of **weight**?



Left skewed

Correct



\cup	Right skewed		
0	Uniformly distributed		
0	Normally distributed		
~	1 / 1 points		
3.			
Which of the following corresponds to the 99% credible interval for the average birth weight of all children born in North Carolina?			
0	(7.00, 7.19)		
0	(6.98, 7.22)		
Correct			
0	(6.94, 7.26)		
0	(6.94, 7.27)		
~	1 / 1 points		
4.			
Based of Jeffrey's scale for interpretation of a Bayes factor how should we describe the evidence in favor of H_1 from the results above?			
0	Not worth a bare mention		
0	Positive		
Correct			
0	Strong		
0	Very Strong		

~	1 / 1 points			
5. Which weight	of the following is false about the relationship between habit and ?			
0	Median birth weight of babies born to non-smoker mothers is slightly higher than that of babies born to smoker mothers.			
0	Range of birth weights of babies born to non-smoker mothers is greater than that of babies born to smoker mothers.			
0	Both distributions are extremely right skewed.			
Correct				
0	The IQRs of the distributions are roughly equal.			
~	1 / 1 points			
6. Based on the credible interval is there evidence that smoking reduces birth weight?				
0	Yes			
Correct				
0	No			
~	1 / 1 points			

Based on the Bayes factor calculated above, how strong is evidence against H_1 ?

Stay the same