Week 3 Lab

Quiz, 10 questions

9/10 points (90%)

/	Congratulations! You passed! Next Item
~	1/1 point
1.	
Is this	an observational study or an experiment?
0	Observational study
Corr	ect
	Experiment
	1/1
	point
2.	
	iginal research question posed in the paper is whether beauty leads directly to the differences in course tions. Given the study design, should the question be rephrased? If so, how?
	No, the question is worded accurately.
0	Yes, revise wording to "Is there an association between beauty and course evaluations?"
Corr	ect
	Yes, revise wording to "Does beauty score increase the professor's course evaluations?"
	Yes, revise wording to "Does beauty score decrease the professor's course evaluations?"



1/1

	tomthe following statements is false about the distribution of score?	
\bigcirc	The median of the distribution is 4.3.	
	25% of the students gave their professors a score of over 4.6.	
	11 of students gave a professor a score below 3.	
0	The left skewness of the data suggests that the students are less likely to rate the profess	ors highly.
Corr	ect	
K	0 / 1 point	
	ροιπτ	
	re beauty score is a statistically significant predictor of evaluation score	
	ge beauty score is a statistically significant predictor of evaluation score.	
	ge beauty score is a statistically significant predictor of evaluation score. True	
verag	True	
0	True False	
verag	True False	
verag	True False should not be selected	
verag	True False	
This	True False should not be selected	
This se re	True False should not be selected 1/1 point sidual plots to evaluate whether the conditions of least squares regression are reasonable.	Which of the
This . se re	True False should not be selected 1/1 point	Which of the
This se re	True False should not be selected 1/1 point sidual plots to evaluate whether the conditions of least squares regression are reasonable.	Which of the
This se re	True False should not be selected 1/1 point sidual plots to evaluate whether the conditions of least squares regression are reasonable.	Which of the

Nearly normal residuals: Residuals are right skewed, but the sample size is large, so this may not be

an important violation of conditions.



9/10 points (90%)

~	1 / 1 point
6.	
	and parameter estimates should only be trusted if the conditions for the regression are reasonable. agnostic plots, we can conclude that the conditions for this model are reasonable.
0	True
Corre	ct
	False
~	1 / 1 point
7.	
	professors (one male and one female) who received the same beauty rating, the male professor is ed to have the higher course evaluation score than the female.
0	True
Corre	ct
	False
~	1 / 1 point
8.	
	f the following is the correct order of the three levels of rank if we were to order them from lowested course evaluation score?
	Tenure track, Tenured
	Tenure Track, Tenured, Teaching

ek 3 0 ques	M/III noints
	Teaching, Tenure Track, Tenured
	Teaching, Tenured, Tenure Track
~	1/1 point
Э.	point
Nhich	of the following is the correct interpretation of the coefficient associated with the ethnicity variable. inority professors are expected on average to score
	0.12 points lower than minority professors, all else held constant.
	0.02 points higher than minority professors, all else held constant.
	0.02 points lower than minority professors, all else held constant.
0	0.12 points higher than minority professors, all else held constant.
Corr	ect
~	1 / 1 point
10.	ation of which variable from the full model yielded the highest adjusted R^2 ?
	bty_avg
0	cls_profs
Corr	ect
	cls_students

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