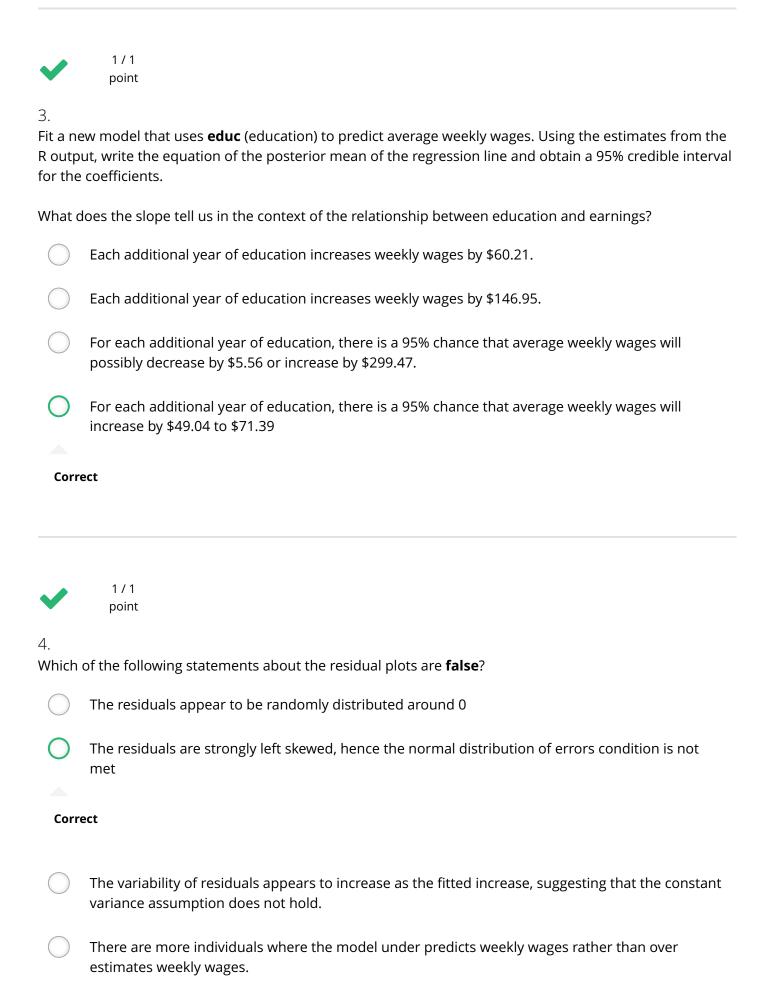
Congratulations! You passed! Next Item 1/1 point Is this an observational study or an experiment? Observational study Correct Correct. Experiment 1/1 point 2. Which of the following statements is **false** about the distribution of weekly wages? The median of the distribution is 905. 25% of respondents make at least 1160 dollars per week. 10 of the respondents make strictly less than 300 dollars per week. Correct Correct. wage is right-skewed, meaning that more respondents fall below the mean wage than above it.



~	1/1 point
5.	
Using t	he definition of outlier above, which statement is false ?
	Case 434 has a probability of close to 1 that it an outlier under the normal error model for regressing lwage on iq
	Case 514 has a probably of close to 1 that it an outlier under the normal error model for regressing lwage on iq
0	Case 616 has a probably of close to 1 that it an outlier under the normal error model for regressing lwage on iq
Corre	ort.
Corre	
	Case 784 has a probably of close to 1 that it an outlier under the normal error model for regressing lwage on iq
~	1/1 point
6.	
	e new value of k to calculate the posterior probability of each observation being an outlier. Which ation has a posterior probability of being an outlier that exceeds the prior probability of being an ϵ
	Case 434
	Case 514
	Case 616
0	Case 784
Corre	ect

	he model, all else begin equal, who would you expect to make more: a married black man or a single ack man?	
0	The married black man	
Correct		
	The single non-black man	
~	1 / 1 point	
8. Elimina	ation of which variable from the full model yielded the lowest BIC?	
	brthord	
	sibs	
0	feduc	
Corr Corr		
	meduc	
••	0/1	

9.

Based on this reduced data set, according to Bayesian model averaging, which of the following variables has the lowest marginal posterior inclusion probability?



point

1/1 point

	should not be selected see sure you get the correct order of the variables.
	black
	south
	age
~	1/1 point
	r False: The naive model with all variables included has posterior probability greater than 0.5. (Use a r-Siow null prior for the coefficients and a $\mathrm{Beta}(1,1)$ prior for the models.)
	True
0	False
Corr	ect
~	1/1 point
	on these results, which covariates are included in all of the following: the best predictive model, the n probability model, and the highest posterior probability model?
	kww, married, urban
	married, age, black
	black, south, married
0	meduc, urban, married

Correct

