1 poin	t
1. Is this a	an observational study or an experiment?
	Observational study
	Experiment
1 point	t
2. Which	of the following statements is false about the distribution of wage?
	The median of the distribution is 905.
	25% of respondents make more than 1160 dollars per week.
	7 of the respondents make less than 300 dollars per week.
	wage is right-skewed, meaning that more respondents fall below the mean wage than above it.
1	t

Examine the residuals of m_wage_iq. Is the assumption of normally

3.

distributed errors valid?

	Yes, since the distribution of the dependent variable (wage) is roughly normally distributed.
	Yes, since the distribution of the residuals of the model looks approximately normal.
	No, since the distribution of the residuals of the model is left-skewed.
	No, since the distribution of the residuals of the model is right-skewed.
1 point	
Under	the reference prior $p(\alpha,\beta,\sigma^2) \propto 1/\sigma^2$, give a 95% posterior e interval for β , the coefficient of IQ.
	(0.00793, 0.00967)
	(0.00709, 0.01050)
	(0.00663, 0.01098)
	(0.00010, 0.01750)
1 point	
	ne model, all else begin equal, who would you expect to make a married black man or a single non-black man?
_	The married black man
	The single non-black man

	1 point
	6. Elimination of which variable from the full model yielded the lowest BIC?
	brthord
	sibs
_	feduc
	meduc
	1 point
	7.
	Based on this reduced data set, according to Bayesian model averaging, which of the following variables has the lowest marginal posterior inclusion probability?
	kww
	black
Week 4 Lab	south
Quiz, 9 questions	age
	1 point
	8.
	True or False: The naive model with all variables included has posterior probability greater than 0.5. (Use a Zellner-Siow null prior for the coefficients and a Beta-Binomial (1,1) prior for the models.)
	True

False				
1 point				
9. Estima	te a 95% central credible interval for a new observation y_5 .			
	(-3.71, 5.73)			
	(-3.11, 5.13)			
	(-1.18, 3.19)			
	Upgrade to submit			

