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1 Question 6

Table 1:

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
logwage	1,669	1.625	0.386	0.005	1.362	1.936	2.261
hgc	2,229	13.101	2.524	0	12	15	18
tenure	2,229	5.971	5.507	0.000	1.583	9.333	25.917
age	2,229	39.152	3.062	34	36	42	46

It is MAR because you can use the regression set on the data.

2 Question 7

True value of B1 = 0.093 Based on the analysis we can see that the value will be going up.

3 Question 8

Quite frankly I have not made much progress on my final project in about a week. I have diagnosed the data that needs to be scraped, and the data that needs to be cleaned. At this point it is a matter of fact of going and doing it. I plan on attacking this during spring break because I am not going anywhere. My data will revolve around college football statistics for the 2019 season due to being recent and what I have access to when it comes to salaries of strength coaches.

The data I will be using is the entire data is 2019 win loss data on the entire Division 1 Football landscape. Then I will be using certain statistics for the Southeastern Conference (SEC). Statistics include, rushing yards per game for offense and defense.

Table 2: RegressionResults

	Dependent variable:		
	logwage		
	(1)	(2)	(3)
hgc	0.062***	0.062***	0.062***
	(0.005)	(0.005)	(0.004)
collegenot college grad	0.146***	0.146***	0.146***
	(0.035)	(0.035)	(0.025)
tenure	0.023***	0.023***	0.023***
	(0.002)	(0.002)	(0.001)
age	−0.001	−0.001	−0.001
	(0.003)	(0.003)	(0.002)
marriedsingle	−0.024	−0.024	−0.024*
	(0.018)	(0.018)	(0.013)
Constant	0.639***	0.639***	0.639***
	(0.146)	(0.146)	(0.111)
Observations	1,669	1,669	2,229
R^2	0.195	0.195	0.268
Adjusted R^2	0.192	0.192	0.266
Residual Std. Error	0.346 (df = 1663)	0.346 (df = 1663)	0.300 (df = 2223)
F Statistic	80.508*** (df = 5; 1663)	80.508*** (df = 5; 1663)	162.884*** (df = 5; 222
Note:			*p<0.1; **p<0.05; ***p<0.0