PS7$_{C}ocklin$

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1 Summary Table

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

2 Data Science Project

For the data science project I have identified my topic and my idea. I want to look into NBA data and explore the possibility of another metric to assess contribution to team wins. This is an exhaustive task and I have identified some literature but I have lot more work ahead of me so that I can collect the data and play around with worthwhile models.

Table 2:

	Dependent variable:		
	logwage		logwagepredimp
	(1)	(2)	(3)
hgc	0.062***	0.049***	0.062***
	(0.005)	(0.004)	(0.004)
collegenot college grad	0.146***	0.160***	0.145***
	(0.035)	(0.026)	(0.025)
tenure	0.023***	0.015***	0.050***
	(0.002)	(0.001)	(0.004)
I(tenure^2)			−0.002***
			(0.0002)
age	−0.001	−0.001	0.0004
	(0.003)	(0.002)	(0.002)
marriedsingle	−0.024	−0.029**	−0.022*
	(0.018)	(0.014)	(0.013)
Constant	0.639***	0.833***	0.534***
	(0.146)	(0.115)	(0.112)
Observations	1,669	2,229	2,229
R^2	0.195	0.132	0.277
Adjusted R^2	0.192	0.130	0.275
Residual Std. Error	0.346 (df = 1663)	0.311 (df = 2223)	0.297 (df = 2222)
F Statistic	80.508*** (df = 5; 1663)	67.496*** (df = 5; 2223)	141.686*** (df = 6; 2222)
Note:			*p<0.1; **p<0.05; ***p<0.01