Assignment3

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Regression analysis

Table 1: Regression analysis regarding robbery

	Dependent variable:			
	robberyRel			
	(1)	(2)	(3)	
GraduatesWithHouthDegreeRel	0.62***	0.21***	0.12**	0
	(0.07)	(0.07)	(0.05)	(
marriageRel	−0.06***	−0.04***	−0.01	−
	(0.01)	(0.01)	(0.01)	(
UnemployedPercentage		0.01***	0.004***	0.0
		(0.0005)	(0.0004)	(0
DensityPerSQRTkm			0.0000***	0.0
			(0.0000)	(0
MalePopulationRel				−
				(0
Constant	0.03***	0.004	−0.01	
	(0.01)	(0.01)	(0.01)	(
Observations	408	408	408	
R^2	0.17	0.42	0.68	
Adjusted R^2	0.17	0.41	0.68	
Residual Std. Error	0.03 (df = 405)	0.03 (df = 404)	0.02 (df = 403)	0.02 (
F Statistic	41.74*** (df = 2; 405)	96.40*** (df = 3; 404)	215.81*** (df = 4; 403)	172.84***
Note:				*p<0.1; **p<0.0