Empirical Project Example

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Here I talk about the summary statistics presented in table 1.

Table 1: Summary statistics 1

Variable	**Mean**	**Std. Dev.**
MAP	218.985	256.903
MAS	236.21	272.004
MAO	159.441	204.32
MBP	47.373	98.326
MBS	62.752	124.129
MBO	36.216	78.215
CAP	54.572	55.032
CAS	44.308	48.457
CAO	36.281	39.408
CBP	9.643	17.64
CBS	9.646	16.836
CBO	6.707	11.519
N	2094	

The summary statistics in table 2 come from the group that decided to use the tariff. Notice that they makes less calls on average.

I have run some regressions here. If this wasn't an example, I would interpret the results and describe why they are important.

Table 2: Summary statistics 2

Variable	**Mean**	**Std. Dev.**
MAP	104.411	142.504
MAS	110.466	165.76
MAO	76.495	116.469
MBP	38.372	69.057
MBS	57.416	97.58
MBO	31.151	53.149
CAP	28.694	34.43
CAS	23.136	29.673
CAO	19.416	24.683
CBP	8.333	12.563
CBS	8.634	11.691
CBO	6.061	7.625
N	669	

	(1) MAP	(2) MAP	(3) MAP	(4) MAP	(5) MAO
hhsize	46.632***	46.741***	38.344***	38.413***	24.116***
	(4.985)	(4.983)	(4.905)	(4.908)	(3.926)
married=2	6.368	5.648	0.761	0.020	32.026***
	(12.682)	(12.642)	(12.866)	(12.828)	(9.584)
married=3	-14.642	-14.547	-17.388	-17.290	28.091**
	(12.709)	(12.686)	(12.206)	(12.182)	(10.395)
teens			44.997***	45.190***	66.654***
			(11.912)	(11.884)	(10.672)
Month FE	No	Yes	No	Yes	Yes
Observations	2763	2763	2763	2763	2763
R^2	0.128	0.131	0.136	0.139	0.137

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Here are some more regressions. These regressions use bill as the dependent variable, instead of the number of minutes used as in the previous regressions.

	(1) bill	(2) bill	(3) bill	(4) bill
age=2	1.261**	1.358**	0.877	0.584
	(0.484)	(0.489)	(0.464)	(0.634)
age=3	1.562**	1.277*	0.919	0.740
	(0.510)	(0.510)	(0.507)	(0.680)
age=4	0.976*	0.679	0.331	0.218
	(0.486)	(0.476)	(0.482)	(0.741)
age=5	0.818	0.893*	0.771	0.489
	(0.441)	(0.443)	(0.428)	(0.738)
age=6	0.200	0.353	0.484	0.094
	(0.427)	(0.433)	(0.430)	(0.805)
teens		0.987*	0.122	0.041
		(0.445)	(0.493)	(0.348)
hhsize			0.801***	0.755***
			(0.170)	(0.140)
black=2				2.592***
				(0.584)
black=3				-0.234
				(5.038)
black=4				-1.256
				(2.109)
black=5				-0.630
				(1.598)
benefits				0.799
				(0.528)
Constant	19.806***	19.551***	18.131***	17.397***
	(0.633)	(0.665)	(0.693)	(0.754)
Observations	2763	2763	2763	2763
R^2	0.006	0.009	0.021	0.029

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$