

ETC5523: Communicating with Data

Tutorial 3 Supp B

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Week 3

Table 1: Summary statistics

Statistic	N	Mean	St. Dev.	Min	Pctl(25)	Pctl(75)	Max
Bill length (mm)	342	43.922	5.460	32.100	39.225	48.500	59.600
Bill depth (mm)	342	17.151	1.975	13.100	15.600	18.700	21.500
Flipper length (mm)	342	200.915	14.062	172.000	190.000	213.000	231.000
Body mass (g)	342	4,201.754	801.955	2,700.000	3,550.000	4,750.000	6,300.000
Year	344	2,008.029	0.818	2,007	2,007	2,009	2,009

Table 2: Regression results

		<i>Dependent variable:</i>	
		Bill length (mm)	
		<i>OLS</i>	<i>robust linear</i>
		(1)	(2)
Species (Ref: Adelie)	Chinstrap	9.566*** (0.350)	9.911*** (0.390)
	Genotoo	6.404*** (1.030)	6.687*** (1.028)
Island (Ref: Biscoe)	Dream		-0.538 (0.412)
	Torgersen		0.034 (0.430)
Bill depth (mm)		0.313** (0.154)	0.320** (0.142)
Flipper length (mm)		0.069*** (0.023)	0.062*** (0.023)
Body mass (g)		0.001** (0.0004)	0.001** (0.0004)
Sex (Ref: Female)	Male	2.030*** (0.389)	2.331*** (0.356)
Year			0.289* (0.149)
Constant		15.017*** (4.374)	-563.241* (297.257)
Observations		333	333
R ²		0.839	
Adjusted R ²		0.836	
Residual Std. Error		2.217 (df = 326)	1.889 (df = 323)
F Statistic		282.270*** (df = 6; 326)	

Note:

*p<0.1; **p<0.05; ***p<0.01