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```
pander(summary(lm(Price~Rooms+Crime+NOX)))
```

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	-19371	3251	-5.959	4.79e-09
Rooms	7933	407.9	19.45	3.203e-63
Crime	-199.7	35.05	-5.697	2.079e-08
NOX	-1306	266.1	-4.907	1.249e-06

Table 2: Fitting linear model: Price ~ Rooms + Crime + NOX

Observations	Residual Std. Error	R^2	Adjusted R^2
506	6103	0.5634	0.5608

Background

This data analyzes the various factors that could go into a home purchase. The data includes: home prices, crimes committed per capita in the neighborhood, how much nitrous oxide is present on the site, average number of bedrooms per house, estimated distance to work, accessibility to radial highways, property taxes, student teacher ratio in the school districe, and the percentage of 'low status' people in the vicinity.

```
pander(summary(reg))
```

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	-43.04	4.08	-10.55	2.348e-25
INC	0.7993	0.05973	13.38	3.451e-39
AGE	0.8427	0.09202	9.158	1.266e-19

Table 4: Fitting linear model: NETTFA ~ FSIZE + INC + AGE

Observations	Residual Std. Error	R^2	Adjusted R^2
2017	44.68	0.1193	0.1185

```
pander(t.test(Other, mu = mean(Other), alternative = "two.sided", conf.level = 0.95))
```

Table 5: One Sample t-test: `Other`

Test statistic	df	P value	Alternative hypothesis	mean of x
0	9274	1	two.sided	39.25

```
pander(t.test(INC, mu = mean(INC), alternative = "two.sided", conf.level = 0.95))
```

Table 6: One Sample t-test: `INC`

Test statistic	df	P value	Alternative hypothesis	mean of x
0	2016	1	two.sided	29.45

```
pander(t.test(AGE, mu = mean(AGE), alternative = "two.sided", conf.level = 0.95))
```

Table 7: One Sample t-test: `AGE`

Test statistic	df	P value	Alternative hypothesis	mean of x
0	2016	1	two.sided	39.28

```
pander(t.test(NETTFA, mu = mean(NETTFA), alternative = "two.sided", conf.level = 0.95))
```

Table 8: One Sample t-test: `NETTFA`

Test statistic	df	P value	Alternative hypothesis	mean of x
0	2016	1	two.sided	13.59