

A Fancy Regression

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Data creation

I created the data using the following code:

```
number_of_samples <- 1000
x <- rnorm(number_of_samples, 0, 1)
# Beta = [1, 2]^T
y <- 1 + 2 * x + rnorm(number_of_samples, 0, 1)
data <- data.frame(x = x, y = y)
```

Results

Here is my fancy table:

Table 1:	
	<i>Dependent variable:</i>
	y
x	2.004*** (0.032)
Constant	0.994*** (0.032)
Observations	1,000
R ²	0.797
Adjusted R ²	0.796
Residual Std. Error	1.025 (df = 998)
F Statistic	3,907.576*** (df = 1; 998)
Note:	*p<0.1; **p<0.05; ***p<0.01

And here is the super fancy plot:

And here is the even fancier ggplot:



