

Hidden Curriculum

Patrick Massey

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1 The First Section

This is where I talk about basic L^AT_EX. Using the `parskip` package, I can create a new paragraph by using line breaks, which I will do now.

I can also make cool equations inline by using parentheses—like this: $x + 2$ —or by using single dollar signs—like this: $x + 2$. Parentheses are preferred because the left and right delimiter are distinct.

I can make cool equations in a block style by using the `equation` environment like so:

$$y = x\beta + \varepsilon$$

or by using double dollar signs:

$$y = x\beta + \varepsilon$$

Again, the `equation` environment is preferred because the begin and end delimiters are different.

I can also add a bibliography, but this is beyond the scope of our discussion right now. Overleaf has plenty of resources for this on their [website](#). Another good place to look for LaTeX help is the [WikiBook](#) on it.

2 The Second Section

Wherein we do tables and graphs. To include the graph we made in ggplot, we create the `figure` environment. The ‘H’ option tells LaTeX to ‘hold’ the position of the figure instead of positioning it somewhere else. I use the `caption` command to add a caption—although I also put a title on the plot in ggplot so you would typically choose one or the other. I use the `label` command after the caption to add a label. Then in my paper I can use the `ref` command and LaTeX knows I am referring to Figure 1.

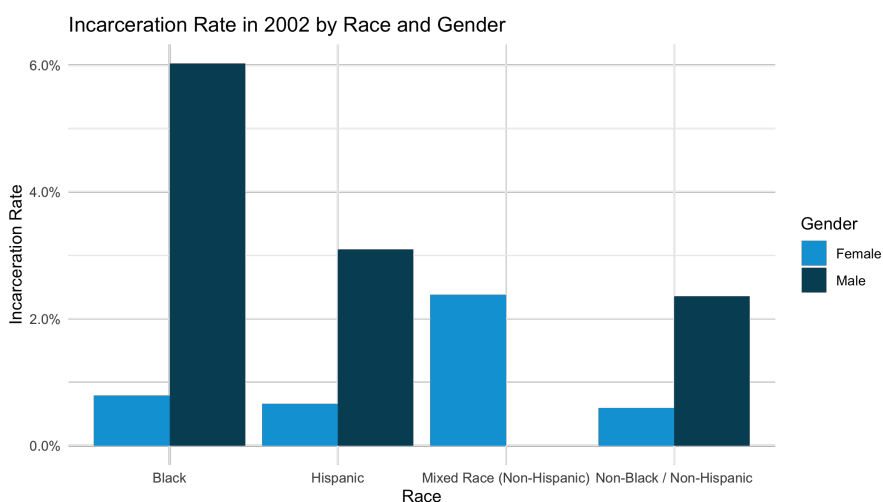


Figure 1: Mean Number of Arrests in 2002 by Race and Gender (this is the LaTeX caption, not the ggplot title)

Tables are somewhat easier, since `kableExtra` and `stargazer` generate LaTeX code that is ready to just “copy-paste” into our document. The `label` argument in the R code is the label that the table will have in the tex output, if you want to `ref` it.

Table 1: Incarceration Rate in 2002 by Race and Gender

Gender	Black	Hispanic	Mixed Race Non Hispanic	Non Black Non Hispanic
Female	0.0079225	0.0066225	0.0238095	0.0059798
Male	0.0602740	0.0309498	0.0000000	0.0235602

Table 2: Regression Output. Omitted category is Black Females.

	<i>Dependent variable:</i>
	Incarcerations in 2002
Hispanic	-0.015*** (0.005)
Mixed Race (Non-Hispanic)	-0.021 (0.013)
Non-Black / Non-Hispanic	-0.019*** (0.004)
Male	0.028*** (0.003)
Constant	0.020*** (0.003)
Observations	8,621
R ²	0.012
Adjusted R ²	0.012
Residual Std. Error	0.141 (df = 8616)
F Statistic	27.193*** (df = 4; 8616)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01