My Paper Title

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This is the abstract. We are creating a pdf using quarto. We run python code and latex code in the same qmd file. By setting keep-tex: true in the qmd file, we also output a tex file, which we could run with any tex engine. We are using the Elsevier style file.

1 This is a Section

Here are two sample references: Feynman and Vernon Jr. (1963) Dirac (1953).

2 This is Another Section

Here are some equations:

$$f(x) = \int_0^x t^2 \, \mathrm{d}t \tag{1}$$

$$g(x) = \int_0^x t^3 \, \mathrm{d}t \tag{2}$$

3 A Third Section

We are making a figure from python code within the quarto qmd file. It is output directly into the pdf using fig.show().

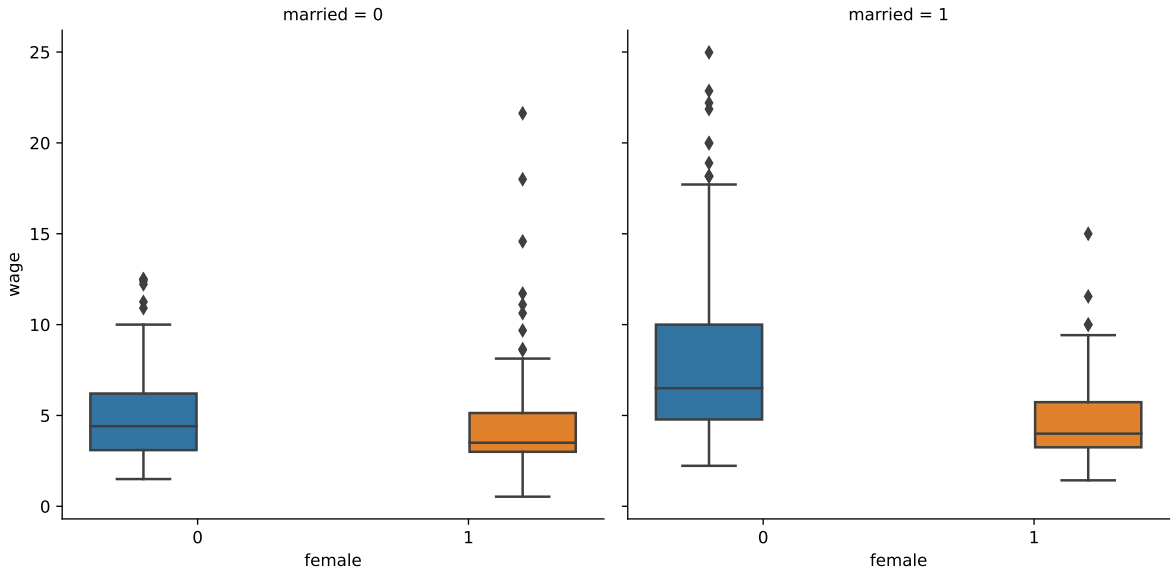

Figure 1: My figure caption.

4 A Fourth Section

Now we are making a table. It is created with pystout within the quarto qmd file and output to a file. Then we read it into the qmd file with a tex block using the include command.

	(1)	(2)	(3)	(4)
educ	0.60***	0.57***	0.57***	0.56***
	(0.06)	(0.06)	(0.06)	(0.06)
exper	0.02**	0.03**	0.03**	0.02*
	(0.01)	(0.01)	(0.01)	(0.01)
tenure	0.17***	0.14***	0.14***	0.14***
	(0.03)	(0.03)	(0.03)	(0.03)
female		-1.81***	-1.81***	-1.74***
		(0.26)	(0.26)	(0.25)
nonwhite			-0.12	-0.07
			(0.40)	(0.40)
married				0.56**
				(0.26)
Obs	526	526	526	526
Adj R^2	0.30	0.36	0.36	0.36

$^{*}p < 0.1$, $^{**}p < 0.05$, $^{***}p < 0.01$

Table 1: This is a table caption.

References

Dirac, P. A. M. 1953. "The Lorentz Transformation and Absolute Time." *Physica* 19 (1-–12): 888–96. https://doi.org/10.1016/S0031-8914(53)80099-6.

Feynman, R. P, and F. L Vernon Jr. 1963. "The Theory of a General Quantum System Interacting with a Linear Dissipative System." *Annals of Physics* 24: 118–73. https://doi.org/10.1016/0003-4916(63)90068-X.