

GVPT 729A: Phase 3

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$H_1$  spending more than 10 years in prison will positively impact motivation to vote

**4) Write a report that states the main hypothesis (if there is more than 1, just pick 1 hypothesis), discusses the nature of the dependent variable, discusses the model used, and discusses the support for your hypothesis. The report should be no more than 2 double spaced pages with 12 point font, and 1 inch margins - you can have a separate page with your name etc. to save space for the write-up. Put the tables and/or graphs that you discuss on separate pages (these do not count against the 2 page limit for text). substantive significance**

## Appendix

Warning: package 'mvtnorm' was built under R version 4.5.1

Warning: To compile a LaTeX document with this table, the following commands must be placed in the preamble:

```
\usepackage{tabulararray}
\usepackage{float}
\usepackage{graphicx}
\usepackage{codehigh}
\usepackage[normalem]{ulem}
\UseTblrLibrary{booktabs}
\UseTblrLibrary{siunitx}
\newcommand{\tinytableTabulararrayUnderline}[1]{\underline{#1}}
\newcommand{\tinytableTabulararrayStrikeout}[1]{\sout{#1}}
\NewTableCommand{\tinytableDefineColor}[3]{\definecolor{#1}{#2}{#3}}
```

To disable `siunitx` and prevent `modelsummary` from wrapping numeric entries in `\\num{}`:

```
options("modelsummary_format_numeric_latex" = "plain")
```

This warning appears once per session.

px1_1	px1_0	effectx1
Min. :0.7908	Min. :0.6877	Min. :0.04271

Table 1: Impact of Incarceration  
on Voting Motivation

	(1)
Length in Facility	0.320*
	(0.126)
Voted in the past	0.204*
	(0.085)
Black	0.374**
	(0.131)
Hispanic/Latino	-0.035
	(0.371)
Party	-0.221***
	(0.047)
Num.Obs.	1306

+ p < 0.1, \* p < 0.05, \*\* p < 0.01,  
\*\*\* p < 0.001

1st Qu.: 0.8527	1st Qu.: 0.7667	1st Qu.: 0.05648
Median : 0.9006	Median : 0.8328	Median : 0.06784
Mean : 0.8799	Mean : 0.8063	Mean : 0.07360
3rd Qu.: 0.9249	3rd Qu.: 0.8684	3rd Qu.: 0.08596
Max. : 0.9498	Max. : 0.9071	Max. : 0.10312

(Intercept) length\_in\_this\_facility identifies\_as\_black

coefs	0.9653169	0.3199143	0.3743619
	0.9614730	0.3193727	0.3797196

identifies\_as\_hispanic\_or\_latinx ever\_voted party

coefs	-0.03488194	0.2040345	-0.2206113
	-0.04421896	0.2062134	-0.2194431

[[1]]

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	0.7883	0.8144	0.8217	0.8214	0.8287	0.8543

[[2]]

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	0.7780	0.8661	0.8805	0.8796	0.8946	0.9397

[[3]]

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	0.7669	0.8004	0.8083	0.8078	0.8159	0.8437

[[4]]

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	-0.02154	0.05675	0.07248	0.07171	0.08840	0.13742

[[5]]

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
	-8.431e-03	-6.040e-04	8.205e-05	7.299e-05	8.988e-04	7.043e-03
	2.5		Mean		97.5	
p_mean		0.8004421		0.8213591		0.8410258
px1_1_mean		0.8356164		0.8795501		0.9184527

```
px1_0_mean      0.7848221    0.80784    0.8292576  
effectx1_mean  0.01994066   0.07171011   0.1159228  
margeffx2_mean -0.003811856 7.298659e-05 0.003358124
```