

GOV 1006: Milestone 4

Paper Replication

Pieter Quinton

2/28/2020

Contents

1	Introduction	1
2	GT	1
3	Stargazer	2
	References	3

1 Introduction

The paper I am replicating for my for final project is “Electoral Institutions and Electoral Cycles in Investment Incentives: A Field Experiment on Over 3,000 U.S. Municipalities” authored by Nathan M. Jensen, Micheal G. Findley, and Daniel L. Nielson (Nathan M. Jensen and Nielson (2020)). The below plots are generated from the GT and Stargazer packages (Iannone, Cheng, and Schloerke (2019); Hlavac (2018)). The replication code for this milestone can be found at my github repository.¹

2 GT

Car Data				
Engine Analysis of Five Cars				
Car	MPG	Cylinders	Displacement	Horsepower
Mazda RX4	21.0	6	160	110
Mazda RX4 Wag	21.0	6	160	110
Datsun 710	22.8	4	108	93
Hornet 4 Drive	21.4	6	258	110
Hornet Sportabout	18.7	8	360	175

The data is from the mtcars dataset, preloaded into R Studio.

¹Github Repo

3 Stargazer

Relationship between MPG and Cylinders	
	<i>Dependent variable:</i>
	mpg
cylinders	−2.876*** (0.322)
Constant	37.885*** (2.074)
Observations	32
R ²	0.726
Adjusted R ²	0.717
Residual Std. Error	3.206 (df = 30)
F Statistic	79.561*** (df = 1; 30)
<i>Note:</i> *p<0.1; **p<0.05; ***p<0.01 OLS regression using data from the preloaded mtcars dataset	

References

- Hlavac, Marek. 2018. *Stargazer: Well-Formatted Regression and Summary Statistics Tables*. <https://CRAN.R-project.org/package=stargazer>.
- Iannone, Richard, Joe Cheng, and Barret Schloerke. 2019. *Gt: Easily Create Presentation-Ready Display Tables*. <https://github.com/rstudio/gt>.
- Nathan M. Jensen, Micheal G. Findley, and Daniel L. Nielson. 2020. *Electoral Institutions and Electoral Cycles in Investment Incentives: A Field Experiment on over 3,000 U.s. Municipalities*. *American Journal of Political Science*. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/ajps.12499>.