

Time Series Minimum Wage Studies Meta-Analysis

GS

May, 2021

Introduction

- requirements to re-run the obtained results are:

```
R version 4.0.5, rmarkdown 2.8.0, tidyverse 1.3.1, stargazer 5.2.2  
#check our environment
```

Meta-Analysis what are we doing?

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How we can find the data and missing data

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reproducing part

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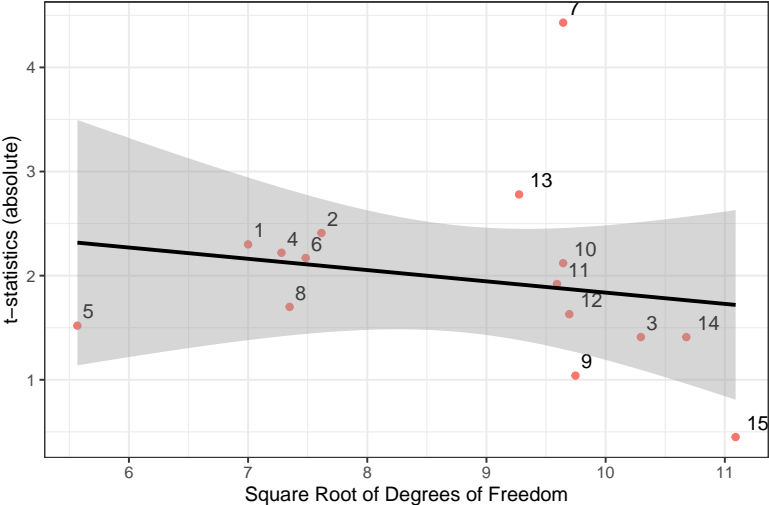
a brief introduction

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fig 1: what is it, what we can see from it

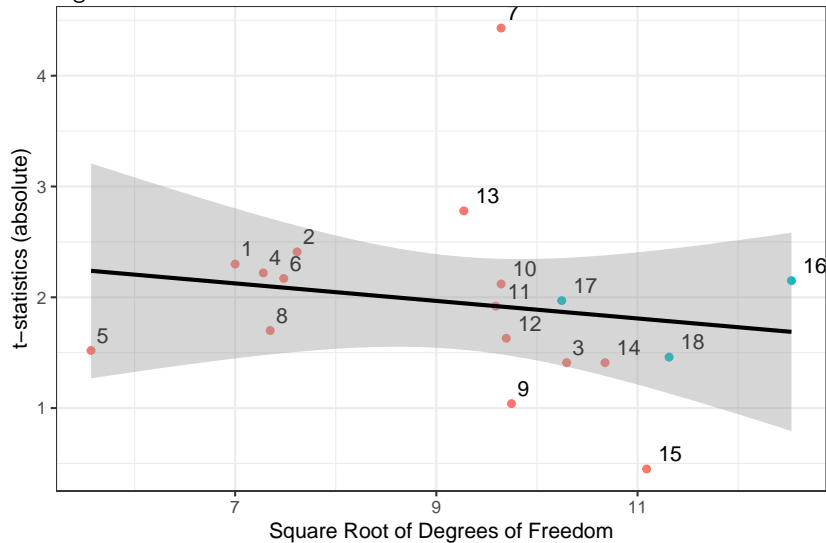
texting here

► texting here



implemented

-texting here



result

texting here

something about model

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	<i>Dependent variable:</i>		
	log(t_stat)		
	(1)	(2)	(3)
l_sqrt_df	−0.81 (0.69)	−0.64 (0.66)	−0.94 (0.62)
autoreg_correction		−0.07 (0.27)	−0.11 (0.24)
log_spec		−0.55* (0.28)	−0.63** (0.26)
no_exp_var			0.05* (0.03)
Constant	2.31 (1.49)	2.41 (1.40)	2.61* (1.27)
Observations	15	15	15
R ²	0.10	0.33	0.50
Adjusted R ²	0.03	0.15	0.30
Residual Std. Error	0.50 (df = 13)	0.47 (df = 11)	0.43 (df = 10)
F Statistic	1.37 (df = 1; 13)	1.83 (df = 3; 11)	2.51 (df = 4; 10)

Note:

* p<0.1; ** p<0.05; *** p<0.01

implemented

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	<i>Dependent variable:</i>		
	log(t_stat)		
	(1)	(2)	(3)
l_sqrt_df	−0.54 (0.55)	−0.32 (0.56)	−0.40 (0.56)
autoreg_correction		−0.03 (0.25)	−0.03 (0.25)
log_spec		−0.50* (0.26)	−0.53* (0.26)
no_exp_var			0.03 (0.03)
Constant	1.76 (1.21)	1.68 (1.17)	1.59 (1.15)
Observations	18	18	18
R ²	0.06	0.26	0.33
Adjusted R ²	−0.001	0.10	0.12
Residual Std. Error	0.47 (df = 16)	0.44 (df = 14)	0.44 (df = 13)
F Statistic	0.98 (df = 1; 16)	1.60 (df = 3; 14)	1.58 (df = 4; 13)

Note:

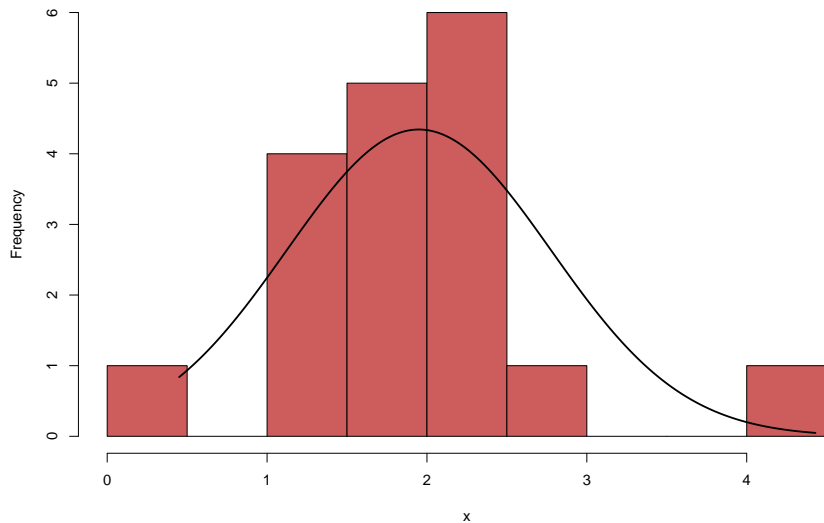
* p<0.1; ** p<0.05; *** p<0.01

is it t-statics always 2?

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Histogram

Normal Distribution overlay on Histogram



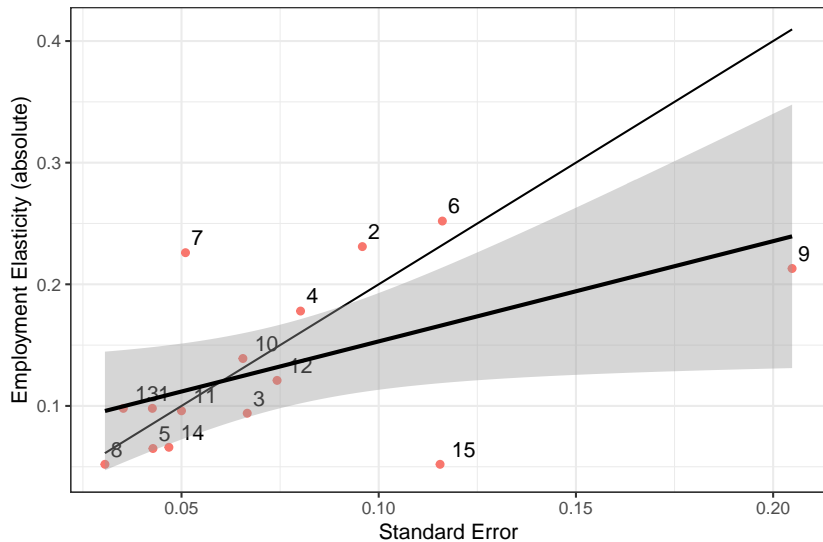
Something about difference in table

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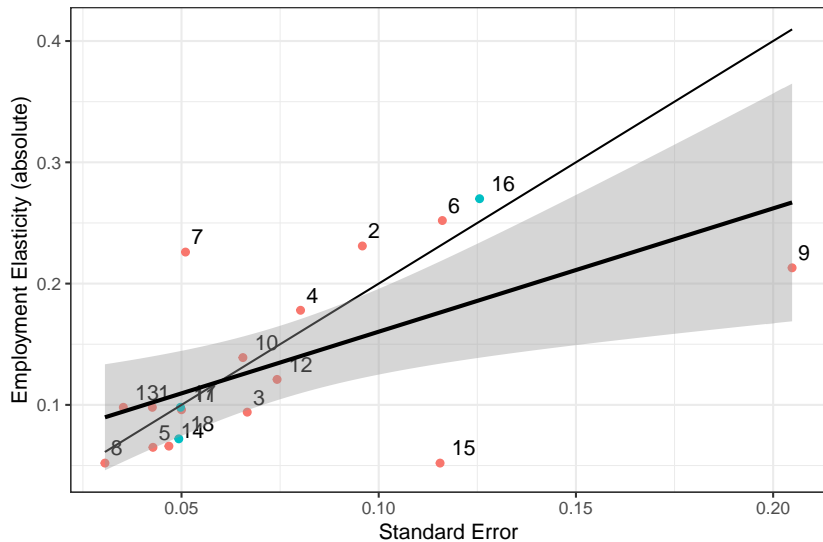
fig 2: what is it, what we can see from it

texting here

reproduced



implemented



result

texting here

conclusion

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Thank You