Untitled

me

2022-07-16

This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Cmd+Shift+Enter*.

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.0 --
## v ggplot2 3.3.5     v purrr   0.3.4
## v tibble  3.1.6     v dplyr   1.0.9
## v tidyr   1.1.2     v stringr 1.4.0
## v readr   1.4.0     v forcats 0.5.1
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## Loading required package: future
##
## Attaching package: 'plm'
## The following objects are masked from 'package:dplyr':
##
##     between, lag, lead
##
## Attaching package: 'MASS'
## The following object is masked from 'package:dplyr':
##
##     select
## Classes and Methods for R developed in the
## Political Science Computational Laboratory
## Department of Political Science
## Stanford University
## Simon Jackman
## hurdle and zeroinfl functions by Achim Zeileis
## Loading required package: grid
## Loading required package: maxLik
## Loading required package: miscTools
##
## Please cite the 'maxLik' package as:
## Henningsen, Arne and Toomet, Ott (2011). maxLik: A package for maximum likelihood estimation in R. C
```

```
##
## If you have questions, suggestions, or comments regarding the 'maxLik' package, please use a forum or
## https://r-forge.r-project.org/projects/maxlik/

##
## Please cite as:

##  Hlavac, Marek (2018). stargazer: Well-Formatted Regression and Summary Statistics Tables.

##  R package version 5.2.2. https://CRAN.R-project.org/package=stargazer

## fixest 0.9.0, BREAKING changes! (Permanently remove this message with fixest_startup_msg(FALSE).)
## - In i():
##     + the first two arguments have been swapped! Now it's i(factor_var, continuous_var) for interacti
##     + argument 'drop' has been removed (put everything in 'ref' now).
## - In feglm():
##     + the default family becomes 'gaussian' to be in line with glm(). Hence, for Poisson estimations

## Warning: Strategy 'multiprocess' is deprecated in future (>= 1.20.0). Instead,
## explicitly specify either 'multisession' or 'multicore'. In the current R
## session, 'multiprocess' equals 'multisession'.

## Warning in supportsMulticoreAndRStudio(...): [ONE-TIME WARNING] Forked
## processing ('multicore') is not supported when running R from RStudio
## because it is considered unstable. For more details, how to control forked
## processing or not, and how to silence this warning in future R sessions, see ?
## parallelly::supportsMulticore

##
## -- Column specification --------------------------------------------------------
## cols(
##   unique_key = col_character(),
##   code_muni = col_double(),
##   ano = col_double(),
##   data = col_date(format = ""),
##   mes = col_double(),
##   temp = col_double(),
##   precip = col_double(),
##   feminicidio = col_double(),
##   populacao = col_double()
## )

## Joining, by = "data"

## NOTE: 9 observations removed because of NA values (RHS: 9).

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##        0/2,126 fixed-effects (459,216 observations) removed because of only 0 outcomes.
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##        0/2,126 fixed-effects (459,216 observations) removed because of only 0 outcomes.
```

Dependent Variable:	feminicidio		
Model:	(1)	(2)	(3)
	OLS	Poisson	Neg. Bin.
Variables			
Temperatura Celcius 18° - 21°	-0.0004	-0.0221	-0.0271
	(0.0006)	(0.0362)	(0.0360)
Temperatura Celcius 21° - 24.1°	-0.0001	-0.0091	-0.0206
	(0.0011)	(0.0585)	(0.0576)
Temperatura Celcius 24.1° - 31.5°	-0.0007	-0.0430	-0.0548
	(0.0013)	(0.0752)	(0.0751)
dummy_temp_celcius3.6_15	-6.67×10^{-5}	0.0009	-0.0009
	(0.0007)	(0.0406)	(0.0397)
Precipitação 1.6 - 6.7 mm	-6.42×10^{-7}	0.0008	0.0049
	(0.0005)	(0.0376)	(0.0376)
Precipitação 115.7 - 163.1 mm	-0.0001	-0.0175	-0.0206
	(0.0008)	(0.0504)	(0.0495)
Precipitação 13.4 - 23.1 mm	0.0003	0.0080	0.0106
	(0.0006)	(0.0420)	(0.0410)
Precipitação 163.1 - 694.8 mm	-0.0015	-0.0858	-0.0911
	(0.0010)	(0.0574)	(0.0561)
Precipitação 23.1 - 37.2 mm	0.0002	0.0061	0.0033
	(0.0006)	(0.0403)	(0.0399)
Precipitação 37.2 - 56.6 mm	-0.0001	-0.0125	-0.0145
	(0.0007)	(0.0423)	(0.0430)
Precipitação 56.6 - 82.6 mm	-0.0004	-0.0233	-0.0244
	(0.0008)	(0.0479)	(0.0470)
Precipitação 6.7 - 13.4 mm	-8.63×10^{-5}	-0.0028	0.0051
	(0.0006)	(0.0423)	(0.0426)
Precipitação 82.6 - 115.7 mm	0.0003	0.0096	0.0039
	(0.0008)	(0.0487)	(0.0485)
Fixed-effects			
data	Yes	Yes	Yes
code_muni	Yes	Yes	Yes
Fit statistics			
Observations	1,202,247	743,031	743,031
Squared Correlation	0.21813	0.21162	0.20887
Pseudo R^2	-0.28275	0.24075	0.19996
BIC	-1,260,985.9	197,420.8	197,057.1
Over-dispersion			2.2631

Clustered (data) standard-errors in parentheses
*Signif. Codes: ***: 0.01, **: 0.05, *: 0.1*

Notes: Ola

```
# ## Testando com lead
#
# dados <- dados %>% mutate(lead_dummy_temp_celcius = as.factor(dplyr::lead(as.character(dummy_temp_cel
#                   lead_dummy_precip_milimetro = as.factor(dplyr::lead(as.character(dummy_precip_milime
#
# ### Com efeitos fixos
#
```

```
# #### OLS
# model_ols_fixed <- feols(feminicidio  ~ lag(lead_dummy_temp_celcius) + lag(lead_dummy_precip_milimetr
#
# #### Poisson
# model_poisson_fixed <- fepois(feminicidio  ~ lag(lead_dummy_temp_celcius) + lag(lead_dummy_precip_mil
#
# #### Binomial Negativo
# model_bn_fixed <- fenegbin(feminicidio  ~ lag(lead_dummy_temp_celcius) + lag(lead_dummy_precip_milime
```