SLU-QD-Suicide-2011-2020-Races-CA-FL-NY-TX

Title:

Databases:
Source: CDC
Year: 2011-2020

Hypothesized Conclusion
- HC1
  - ?
- HC1
  - ?
- HC1
  - ?
- HC1
  - ?
- HC1
  - ?
- HC1
  - ?
- HC1
  - ?

Outcomes variables
- HC1
  - ?
- HC2
  - ?
- HC3
  - ?
- HC4
  - ?

Algumas complicações podem podem ser:
- [415.1] PULM EMBOLISM AND INFARCTION OR
- [415.19] OTH PULM EMBOLISM AND INFARCTION)
- [480] VIRAL PNEUMONIA

Predictors variables
- HC1
  - ?
- HC2

  - ?
- HC3
  - ?
- HC4
  - ?

Potential Confounders
- ?
- ?

- ?

Strata
- não há

Inclusion Criteria
Pacientes que passaram pelos seguintes procedimentos[PROC1 a PROC5]:
- [81.04] Dorsal And Dorsolumbar Fusion OR
- [81.05] Dorsal And Dorsolumbar Fusion OR
- [81.06] Lumbar And Lumbosacral Fusion OR
- [81.07] Lumbar And Lumbosacral Fusion OR
- [81.08] Lumbar And Lumbosacral Fusion.

Exclusion Criteria

- ?

Observations

- ?

Mock Tables

Box 1 - Predictors of Suicide in the United States Identified in Previous Studies

Estudo	Fatores
Autor (data)	Variável 1 (+), variável 2 (-), variável 3 (+)
Autor (data)	Variável 1 (+), variável 2 (-), variável 3 (+)
Autor (data)	Variável 1 (+), variável 2 (-), variável 3 (+)

* the sign (+) indicates that when the predictor variable increases, the probability of death by suicide also increases, the sign (-) represents the opposite

Box 2 - Variables included in this study

Varible	Meaning	Type	Source	Effect	References
Variável 1	x-x-x-x-x-x-x-x	P		+	
Variável 1	x-x-x-x-x-x-x-x	P		+	
Death Rate	Suicide death rate by 100000 inhabitants	O	https://wonder.cdc.gov		

* O=Outcome, P=Predictor

Table 1 - Descriptive analysis of the suicide death rate by state and race

State	Race	Median	SD	Min	Max	Var Coef
California	African-American	12,40	2,68	7,30	17,70	9,172
	Hispanic	9,30	1,88	6,50	11,80	3,54
	White	16,00	0,86	14,70	17,50	0,734
Florida	African-American	9,65	1,26	7,30	11,00	1,596
	Hispanic	7,90	1,88	5,80	11,40	3,551
	White	23,00	1,48	19,40	24,30	2,200
New York	African-American	8,50	1,37	5,50	10,30	1,864
	Hispanic	7,05	0,95	5,30	8,60	0,897
	White	11,60	0,82	10,30	12,80	0,665
Texas	African-American	12,15	2,19	8,00	14,60	4,776
	Hispanic	10,45	2,71	7,70	16,70	7,37
	White	23,50	2,10	20,90	27,30	4,400

Tavela 2 - Descriptive analysis of the suicide death rate by race and State

Race	State	Median	SD	Min	Max	Var Coef
African-American	California	12,400	2,680	7,300	1,000	0,000
	Florida	9,650	1,260	7,300	11,000	0,000
	Nova York	8,500	1,370	5,500	10,300	0,000
	Texas	12,150	2,190	8,000	14,600	0,000
Hispanic	California	9,300	1,880	6,500	11,800	0,000
	Florida	7,050	0,950	5,300	8,600	0,000
	Nova York	7,050	0,950	5,300	8,600	0,000
	Texas	10,450	2,710	7,700	16,700	0,000
White	California	16,000	0,860	14,700	17,500	0,000
	Florida	23,000	1,480	19,400	24,300	0,000
	Nova York	11,600	0,820	10,300	12,800	0,000
	Texas	23,500	2,100	20,900	27,300	0,000

Tabela 3 - Result of panel data analysis

State	Race	Variable	Pooled	Fixed Effects	Random Effects
California	African-American				
California	Hispanic				
California	White				
Florida	African-American				
Florida	Hispanic				
Florida	White				
New York	African-American				
New York	Hispanic				
New York	White				
Texas	African-American				
Texas	Hispanic				
Texas	White				

Significance of p-value: *** $p<0.01$, ** $p<0.05$, * $p<0.10$

Mock Graphics

State ─── California ─── Florida ─── New York ─── Texas

| African-American | Hispanic | White |

Suicide death rate by race and state-African-American

State ── California ── Florida ── New York ── Texas

Data source: https://wonder.cdc.gov

Suicide death rate by race and state-Hispanic

State ── California ── Florida ── New York ── Texas

Data source: https://wonder.cdc.gov

Suicide death rate by race and state-White

State ── California ── Florida ── New York ── Texas

Data source: https://wonder.cdc.gov

Figura 1 - Suicide death rate from 2011 to 2020 by state and race