

## IDS 720 – Team 8 – Opioid Policy Effects

### Project Outline

#### 1 Topic:

Effects of opioid control policies on drug shipments and overdose deaths in Florida, Texas and Washington?

#### 2 Project Question:

1. What are the effects of opioid drug prescription regulations on the volume of opioid shipments in Florida?
2. What are the effects of the policy regulations on the number of drug overdose deaths in Texas, Washington, and Florida?
- 3.

#### 3 Project Hypothesis What is your hypothesized answer to your question?

- a. Policy changes affect the volume of opioid shipments – drug shipments stay the same after policy changes (H0), drug shipments decline due to the policy changes (H1)
- b. Policy changes affect the number of opioid overdose deaths – drug overdose deaths stay the same after policy changes (H0), drug overdose deaths decline after policy changes (H1)
- c.

#### 4 Data Sources

- a. Use the two datasets provided by Nick
- b. Use additional datasets on population per county in each state from 2000-2019 from here: <https://www.census.gov/data/datasets/time-series/demo/popest/2010s-counties-total.html> and here: <https://www.census.gov/data/tables/time-series/demo/popest/intercensal-2000-2010-counties.html>

Example row of data for Florida (with imaginary values):

County	Year	Population	Shipments	Overdose Deaths Total
Miami	2009	1,562,358	5,000	6,000

#### 5 Tasks for Team-members

- a. Emma – Overdose Deaths in Washington, Checker for Fides
- b. Fides - Overdose Deaths in Florida, Checker for Weiliang
- c. Weiliang – Drug shipments in Florida, Checker for Yongxin
- d. Yongxin - Overdose Deaths in Texas, Checker for Emma