Read Me

"Sports Betting Legalization Amplifies Emotional Cues & Intimate Partner Violence"

Emily Arnesen & Kyutaro Matsuzawa

Overview

In this folder, you can find the R scripts to clean our datasets, our raw datasets, and the main cleaned datasets used to replicate our analysis. We note that due to file size constraint, we did not include our raw NIBRS file (∼6 gb). However, you can download the data from OpenICPSR: Jacob Kaplan's Concatenated Files: National Incident-Based Reporting System (NIBRS) Data, 1991-2022. Please download:

- `nibrs_1991_2022_administrative_segment_rds.zip`
- `nibrs_1991_2022_offender_segment_rds.zip`
- `nibrs_1991_2022_offense_segment_rds.zip`
- `nibrs_1991_2022_victim_segment_rds.zip`.

In the sections below, we describe each file included in each folder.

Run_All.R

This script will execute all command begin to end. Currently the object `should_i_clean` is set to FALSE, but please set it equal to TRUE if you wish to clean the data from scratch.

R_Code/

This is where all our R scripts for cleaning and estimation is included. The cleaning files are included under `Cleaning` and scripts to replicate our analyses are included under `Estimation`. For the cleaning and estimation file, the name of the file explains what the script is doing. For example, `Cleaning/Clean_NFL_Games.R` will clean the game-level spread dataset; and `Estimation/Run_Regression_Main.R` will estimate all the main tables in our paper.

Raw/

This is where all our raw data is stored. For example, the folder `Fans` includes each county's favorite team based on Seatgeak and Facebook; `NFL_Odds` includes the raw spread data, and `NIBRS` is where the downloaded NIBRS data should be stored.

Cleaned_Data/

This folder will contain 3 subdirectories (Games, NIBRS, Other) that include the final datasets we used for our analyses. For example, under the folder called `NIBRS`, you can find: `NIBRS_Sunday_RegReady_Full.rds`, which is our main dataset we used for our analysis, as well as `NIBRS_Monday_RegReady.rds`, which our other dataset we used for Table 3.

Other_Data/

This folder will contain other datasets we merged in to clean our datasets. For example, the file `Holidays.RData` includes control variables for holidays and `Betting_By_State` include state-by-month data on betting.

Fig/

Inside each subdirectories, you can find all our figures we generated for our paper. All our maps (i.e., Figure 1) will be under the folder `Maps`, all our google trends event studies (Figure 4) will be under `GoogleTrends`, and the rest of our figure (i.e., Figure 3) will be under `Descriptive`.

Estimates/

This is where all the regression outputs, shown in our main paper, are stored.