Overview

This document describes the files used to replicate results from the paper "Fuel Subsidy Pass-Through and Market Structure: Evidence from the Renewable Fuel Standard" published in the *Journal of the Association of Environmental and Resource Economists*.

All Stata .dta files are contained in "dataSTATA," including:

1. "e85retail_jaere" – Main data file containing station-level, weekly E85 prices and costs.
2. "e85retail_daily_jaere" – Data file containing station-level, daily E85 prices and costs for KMS comparison.
3. "uscoord" – US coordinates used to create Figures 6a to 6c.

Note: All E85 retail, wholesale, and RIN price data have been removed. The data were purchased from OPIS, and we are unable to share them per our purchasing agreement. Stata .do files used to clean and merge raw OPIS data are available upon request to fully replicate our analysis.

Replication Instructions

All do-files are in the folder "codeSTATA." To replicate all empirical results:

1. Designate directory in "0_runme"
2. Run "1a_data_prep" to create E85 wholesale cost estimate, RIN subsidy variables, indicators, and lagged variables used in regressions
3. Run "2a_ss_graphs" to create Table 1, Figures 3a, Figure 3b, and Figure 8
4. Run "2b_subsidy_pt" to create Table 2, Table 3, and Table 4
5. Run "2c_subsidy_pt_sr" to create Figures 4a and 4b, and Figures 5a and 5b
6. Run "2d_subsidy_pt_station" to create Figures 6a to 6c and Figure 7
7. Run "2e_kms_ls_comparison" to create Table 5 and Table 6
8. Run "3a_app_unitroot" to create Table A.1
9. Run "3b_robustness" to create Tables B.1 to B.3 and Figure B.1

All figures are saved in "figSTATA" and all tables are saved in "tablesSTATA."