Stata Project

Review:
Fixed Effects Model (FE)
Instrumental Variables (IV)
Two-Stage Least Squares (2SLS)

1. A simple practice
   Use the delivery_data.xlsx
   Now, suppose we have panel data of 100 restaurants and their takeaway orders from January to December of last year.
   (1)   Import the dataset into Stata
   (2)   View data structure, understanding the mean min max of this dataset.
   (3)   FE model of how delivery time affects customer satisfaction (Rating), using takeaway price and competitive intensity (number of similar restaurants around) as control variables.
   (4)   Use Rain as IV for Delivery time and run 2sls estimation.
   (5)   Draw a figure showing the relationship between DeliveryTime and Rating.

2. Replication of a paper
   Check Readme.pdf to better understand the meaning of variables.
   Hint: local/global helps you to simplify the regression commands
   (1)   Read the paper and understand the basics of empirical design
   (2)   Run the OLS regressions with FE in table 3
   (3)   Run the 2SLS estimation using the instrumental variable death_of_relative in table 4