**Potential Misspecification Issues Supporting Files**

The folder “*Potential Misspecification Issues - Supporting Files - 25Nov2024”* contains the folders and files used for the analysis presented in *Quantonomics-Memo-* *Potential Misspecification Issues-21Nov2024*. It includes three subfolders (Input, Programs, and Outputs) and the Stata project file *Misspecification Issues*, which lists all Stata programs used in this analysis.

# Input Folder

This folder contains the file *DNSPopex24.dta*, the dataset used for the three models (JTT, ATT, and OIT) presented in the memo, as well as for the econometric models in ABR24.

# Programs Folder

The *Programs* folder contains the following Stata programs[[1]](#footnote-1):

* *anOpexReg24 -JTT.do*: Stata program used for estimating the Jurisdiction Time Trends model, as outlined in section 2 of the memorandum.
* *anOpexReg24 -ATT. do*: Stata program used for estimating the Australian Time Trends model, as outlined in section 3 of the memorandum.
* *anOpexReg24 -OIT.do*: Stata program used for estimating the Ontario Interaction Terms model, briefly discussed in section 5 and further detailed in Appendix B of the memorandum.

# Output Folder

The *Output* folder contains the results from the Stata programs and is organised into three subfolders:

* *log Folder*: Contains the log files from each respective Stata program, for both the long and short period analyses.
* *tsv Folder*: Contains regression tables stored in TSV files from each respective Stata program, for both the long and short period analyses.
* *xlsx Folder*: Contains Excel files with results from each respective Stata program, for both the long and short period analyses. These Excel files include:
  + Frequency of monotonicity violations
  + Values of the coefficients and other variables (stored in workbooks named *outputdata*)
  + Efficiency scores and elasticity values (stored in workbooks named Stats)

1. Note the local macro variable ‘perd’ can be set to be “long” or “short” to run the models for the long period or the short period. [↑](#footnote-ref-1)