Readme to Accompany Uber vs. Taxi: A Driver's Eye View

Accessing the Data: All the results in the paper use proprietary and confidential microdata from Uber Technologies, Inc. Researchers interested in using these files for replication or a related academic project should execute a data use agreement with Uber, and arrange for secure access to the relevant files. The authors have retained copies of the underlying data, which can be made available pursuant to the data use agreement between MIT and Uber.

Contact Uber's Chief Economist to initiate project review.

Computational Requirements:
- Stata (code was last run with version 15)

Memory and Runtime Requirements:
The code was last run on a 6-core Intel-based laptop with MacOS version 10.15. With that system the code takes less than one hour to run.

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Instructions:
The relevant files are as follows

- Master.do: Runs all of the files in order
- Globals.do: Sets the directory paths
- TextCallouts.do: Calculates the numbers that are not in the tables, but are presented in the text.
- Specific table and figure files, as listed at the end of this document.

For replication**:**

1. Ensure that all of the do files are in the same directory as master.do
2. Change the global "root" with the location where the data are stored (under the sub-directory Uber-Data-Raw)
3. Change the global code directory with the location of where the code is stored
   a. All of the locals use the `c(username)' structure which takes the system username from the user's computer.
4. Run master.do!

Once the researcher has access to the data, all of the results can be replicated by running master.do. There are four steps
5. Ensure that all of the do files are in the same directory as master.do
6. Change the global "root" with the location where the data are stored (under the sub-directory Uber-Data-Raw)
7. Change the global code directory with the location of where the code is stored

a. All of the locals use the `c(username)' structure which takes the system username from the user's computer.
8. Run master.do

Formatting Tables: Running master.do will replace all of the sheets in "tables_raw_deck.xls". These sheets in this file are referenced and formatted in "Formatted-Tables.xlsx". It is important not to open the formatted file unless there is a file named "tables_raw_deck.xls" with the relevant sheets that is saved in the same directory. Opening Formatted-Tables without a file called tables_raw_deck present in the same directory (with the required sheets) will cause the references to break.

Figures: Running master.do will output the graphs in PDF form to the subdirectory "Graphs".

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List of Tables and Figures

Figure/Table	Program	Output File	Note
Table 1	Table1.do	"Table1" sheet	
Table 2	N/A		Design table created by authors
Table 3	Table3.do	"Table3" sheet	
Table 4	N/A		Design table created by authors
Table 5	Table5_FW.do Table5_Taxi.do	"Table5_FW" and "Table5_Taxi" sheets	The _FW file creates the first 3 columns and the _Taxi file creates the last 3 columns
Table 6	Table6.do	"Table6" sheet	
Table 7	Table7.do	"Table7" sheet	
Table 8	Table8.do	"Table8" sheet	
Table A1	N/A		This timeline was created by the authors
Table A2	TableA2.do	"TableA2" sheet	
Table A3	TableA3-A4.do	"TableA3" sheet	The code TableA3-A4.do loops over the balance tables for Taxi 1 (A3) and Taxi 2 (A4)
Table A4	TableA3-A4.do	"TableA4" sheet	The code TableA3-A4.do loops over the balance tables for Taxi 1 (A3) and Taxi 2 (A4)
TableA5	TableA5-A6_FW.do	"TableA5_FW" and "TableA5_Taxi" sheets	The _FW file creates the first 3 columns and the

	TableA5-A6_Taxi.do		_Taxi file creates the last 3 columns
TableA6	TableA5-A6_FW.do TableA5-A6_Taxi.do	"TableA6_FW" and "TableA6_Taxi" sheets	The _FW file creates the first 3 columns and the _Taxi file creates the last 3 columns
TableA7	TableA5-A6_FW.do TableA5-A6_Taxi.do	"TableA7_FW" and "TableA7_Taxi" sheets	The _FW file creates the first 3 columns and the _Taxi file creates the last 3 columns
Table A8	Table7.do	"TableA8" sheet	Starts at line 307
Table A9	Table8.do	"TableA9" sheet	This is created in the same loop as Table 8
Table A10	Table5_Taxi.do TableA10.do	"TableA10_Col12" "TableA10_Col34" "TableA5_Col5" sheets	Columns 1-2 start at line 182 of Table5_Taxi.do Columns 3-5 are in TableA10.do
Figures 1	N/A		Indifference curves
Figure 2	N/A		Indifference curves
Figure 3	N/A		Indifference curves
Figure 4	N/A		Design figure created by authors
Figure 5	N/A		Screenshots
Figure 6	N/A		Screenshots
Figure 7	Figure7_fw.do Figure7_taxi.do	tsls_byweek_fw.pdf tsls_byweek_taxi_combined.pdf	Two PDF's, one for each panel
Figure 8	Figure8.do	optin.pdf	
Figure 9	Figure9do	quantile.pdf	
Figure A1	N/A		
Figure A2	N/A		
Figure A3	FigureA3.do	CDF_Abadie_all_hours.pdf	