Production files for "Strategic Patient Discharge: The Case of Long-Term Care Hospitals"
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I. Data cleaning and formatting files. These must be run in the following order:

    1. claim_count.do - Uses the MEDPAR data co identify the CMS provider numbers that have positive Medicare claims. This will be used in POS_datawork.do to drop LTCHs without any claims.

    2. POS_datawork.do. This code extracts long-term care hospitals from the Medicare Provider of Service Files and cleans the data for analysis. It also merges in data collected (by hand) from AHA surveys (found in auxiliary/AHA_tomerge2.dta) and from the LTCHPPS historic Impact Files (found in auxiliary/LTCHPPS_Impact_File_ALL.dta)

    3. drg_data.do. This combines the DRG data (from CMS) and save as dta.

    4. LTHC_MEDPAR_datawork.do. This takes the MEDPAR claims (not included in production files due to DUA restrictions), cleans them, merges in the hospital data and formats it into a flat file for analysis in Stata.

    5. data2matlab.do---This uses the resulting flat file from LTCH_MEDPAR_datawork_v5.do (a stata file) and reformats it for estimation of the dynamic model in Matlab.

II. Summary Statistics Tables

    tables_summary_statistics_I.do---This generates the following summary statistics tables: Table 1, Table 2, Table A1, and Table A2.

    tables_summary_statistics_II.do---This generates table A4, table A5, and table A6.

III. Reduced Form Tables

    table3.do---Estimates probit models displayed in table 3, table A8, and table A9.

    table4.do---Estimates probit models displayed in table 4 and table A10.

    tableA3.do---Generates table A3.

IV. Structural Model
    A. Estimation

1.   LTCH_dynamic_model1.m estimates the dynamic structural model of patient discharge displayed in column (1) of table 5 (No patient types or DOW dummies).
2.   LTCH_dynamic_model2.m estimates the dynamic structural model of patient discharge displayed in column (2) of table 5 (Patient types and DOW dummies).
   B.   Tables and Figures
   1. LTCH_dynamic_model2_analysis.m takes the estimaets from LTCH_dynamic_model2.m and simulates the counterfactual results shown in Table 6, Figure 8, and Figure A3.

V.   Other figures
   figure1_A2.do creates figure 1 and panels a, c, and e from figure A2.

   figures_histograms.do creates figure 2, figure 3, figure 4, figure 5, figure 6, figure 7, figure A1, and panels b, d, f from figure A2.