
Project 2: Adding more detail about household members

Project 2

What if you want to know how self-employment within the household will affect expenditures on health insurance? We can use the **MEMI file** to add information to our dataset

In this project you will:

- ▶ Learn how to navigate the MEMI file
- ▶ How CE files fit together.
- ▶ Where to find employment information for Members

Project 2 Steps

1. Concatenate 4 quarterly MEMI files to obtain collection year of data
2. Create summary identifier at the household level to determine self employment (see next page)
3. Merge ("Join") FMLI file with MEMI file using NEWID to link
4. Means: Calculate means using new summary identifiers for employment variables.
5. Percent reporting: Create an indicator for CUs that had expenditures > 0 , calculate mean of the indicator to determine the percent that reported for each group.

Project 2 details

Self Employment status of household:

1 – all earners self-employed

(number of members with $INCOMEY=5$, and $NO_EARNR > 0$)

2 –some self-employed, some not

(at least one member with $INCOMEY = 5$, but count not equal to NO_EARNR)

3 –no member self-employed

(no member with $INCOMEY = 5$)

Project 2 Results

Merged FMLI/MEMI data and created variables (first 15 observations sorted by NEWID)

	NEWID	HHSELFEMP	HEALTH	HLTHINS
1	2377165	NOT SELF-EMP	2920.0	2080.0
2	2377175	NOT SELF-EMP	2780.0	0.0
3	2377225	NOT SELF-EMP	4432.0	960.0
4	2377235	SELF-EMP HH	2000.0	0.0
5	2377265	SEMI SELF-EMP HH	0.0	0.0
6	2377275	NOT SELF-EMP	5548.8	4896.8
7	2377335	NOT SELF-EMP	1300.0	800.0
8	2377345	NOT SELF-EMP	1280.0	1240.0
9	2377355	SEMI SELF-EMP HH	4000.0	4000.0
10	2377365	NOT SELF-EMP	1344.0	1164.0
11	2377385	NOT SELF-EMP	6400.0	4800.0
12	2377405	NOT SELF-EMP	2164.0	0.0
13	2377455	NOT SELF-EMP	2560.0	1656.0
14	2377475	NOT SELF-EMP	680.0	480.0
15	2377485	NOT SELF-EMP	1740.0	0.0

Project 2 Results

Means

	HHSELFEMP	HEALTH_MEAN	HLTHINS_MEAN
1	NOT SELF-EMP	3158.840	1944.858
2	SELF-EMP HH	4814.097	2895.167
3	SEMI SELF-EMP HH	5057.638	2952.173

Percent Reporting

	Category	PCTRPT_HLTH	PCTRPT_INS
1	NOT SELF-EMP	78.82082	64.31571
2	SELF-EMP HH	75.41667	56.25000
3	SEMI SELF-EMP HH	83.18937	64.91694