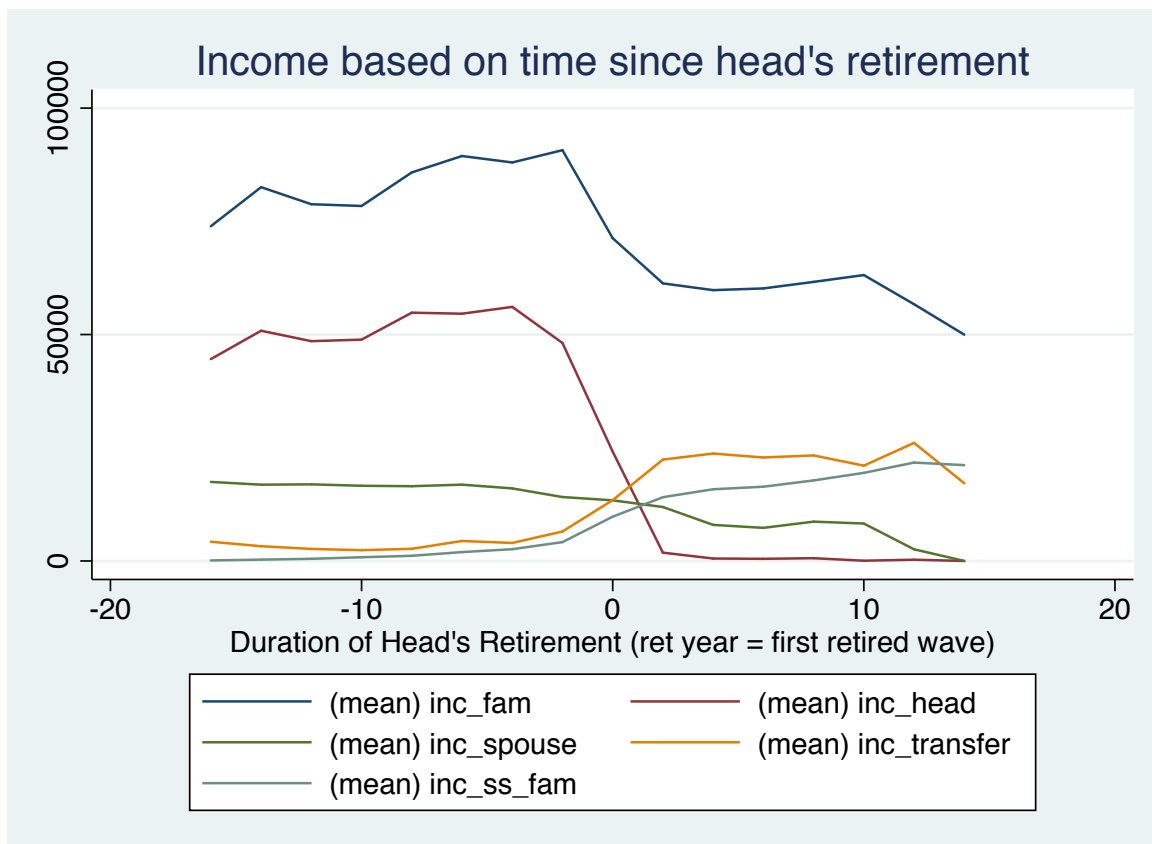


# Household expenditure in retirement

## 1 Income by Duration of Retirement

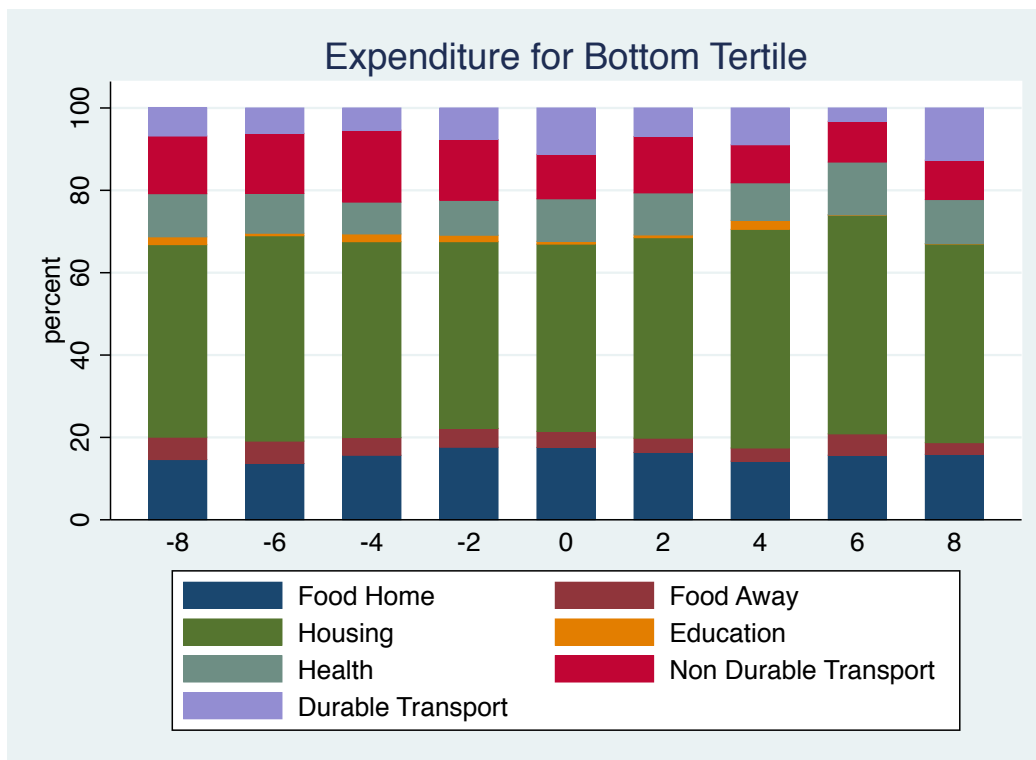
Figure 1: Income Around Retirement



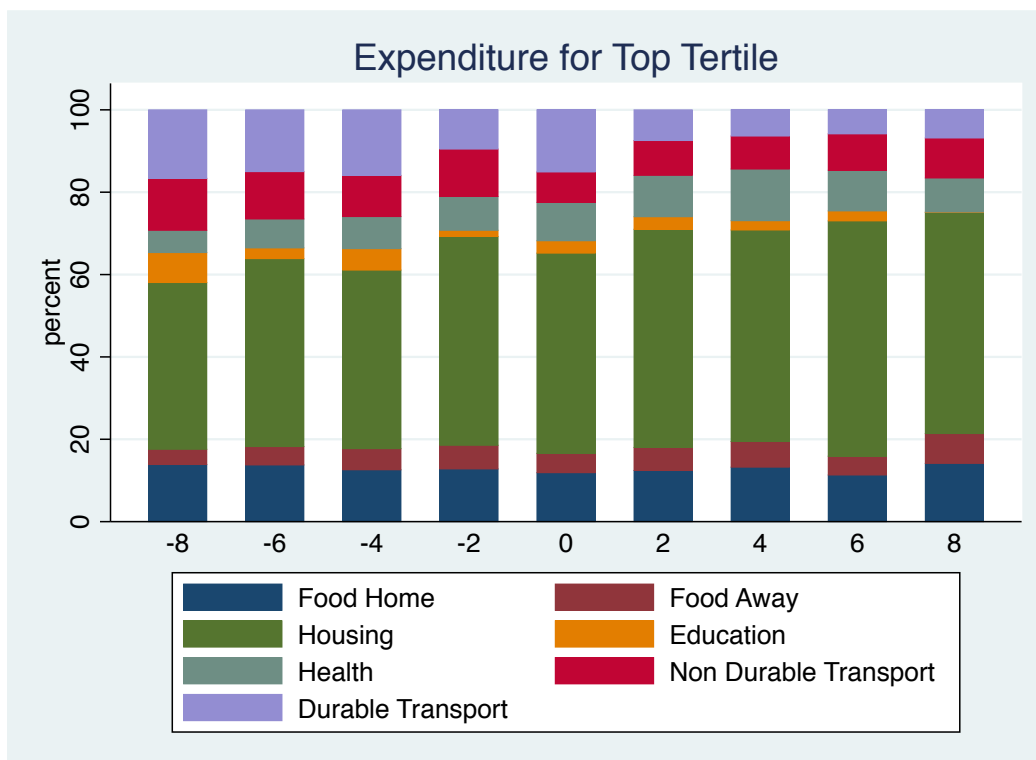
Here we use the full sample - we do not select HHs based on spouse behavior. Though of course the results vary greatly if we look at households where the spouse does not work, always works, etc.

## 2 Expenditure Breakdown by Duration of Retirement

**Figure 2:** Expenditure Breakdown for the Bottom Tertile - for categories before 2005

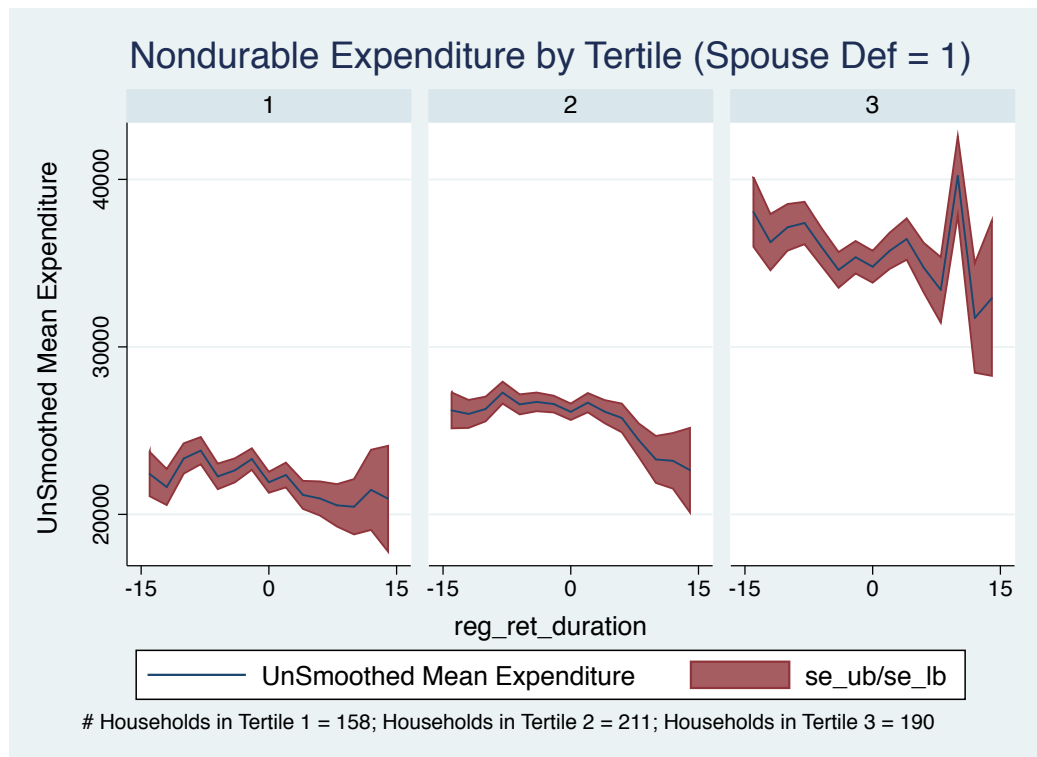


**Figure 3:** Expenditure Breakdown for the Top Tertile - for categories before 2005

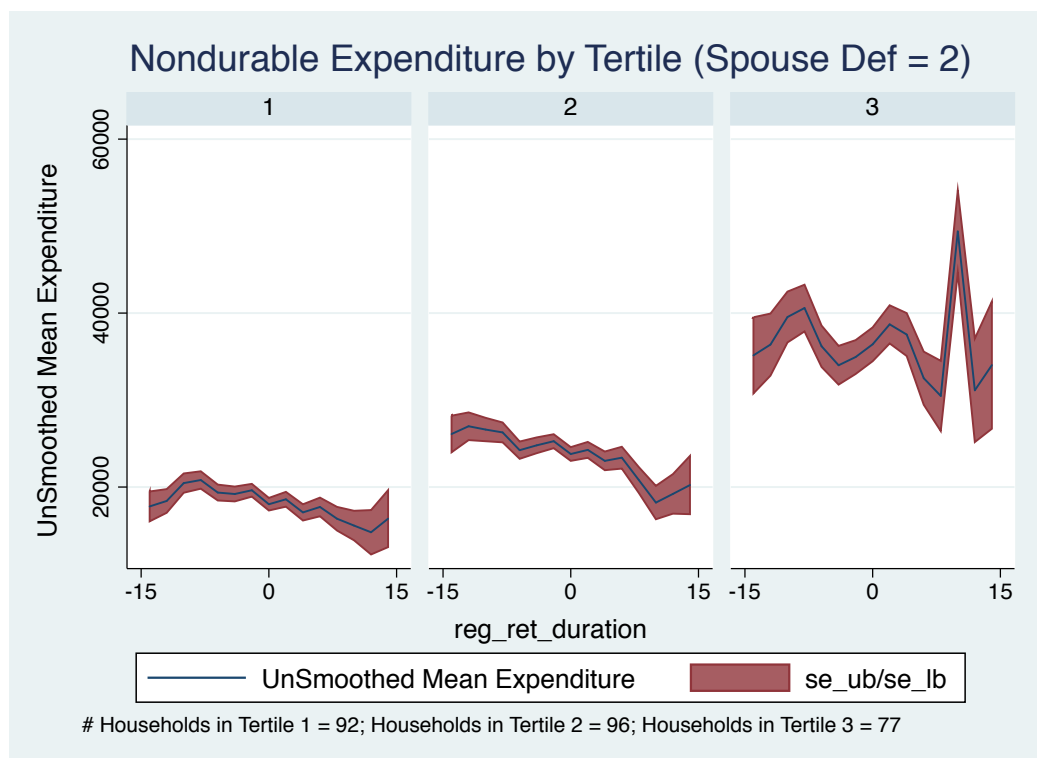


### 3 Total Nondurable expenditure (unsmoothed)

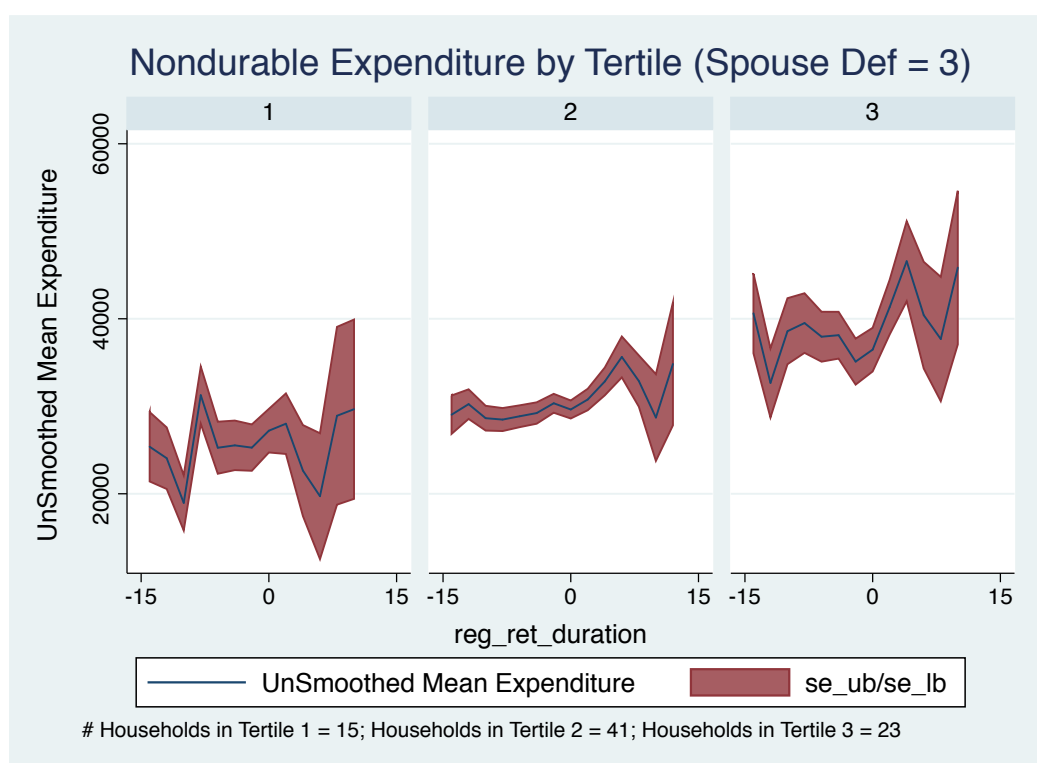
**Figure 4:** Full Sample - Total Nondurable expenditure



**Figure 5:** Spouse Never Works- Total Nondurable expenditure



**Figure 6:** Spouse Always Works- Total Nondurable expenditure



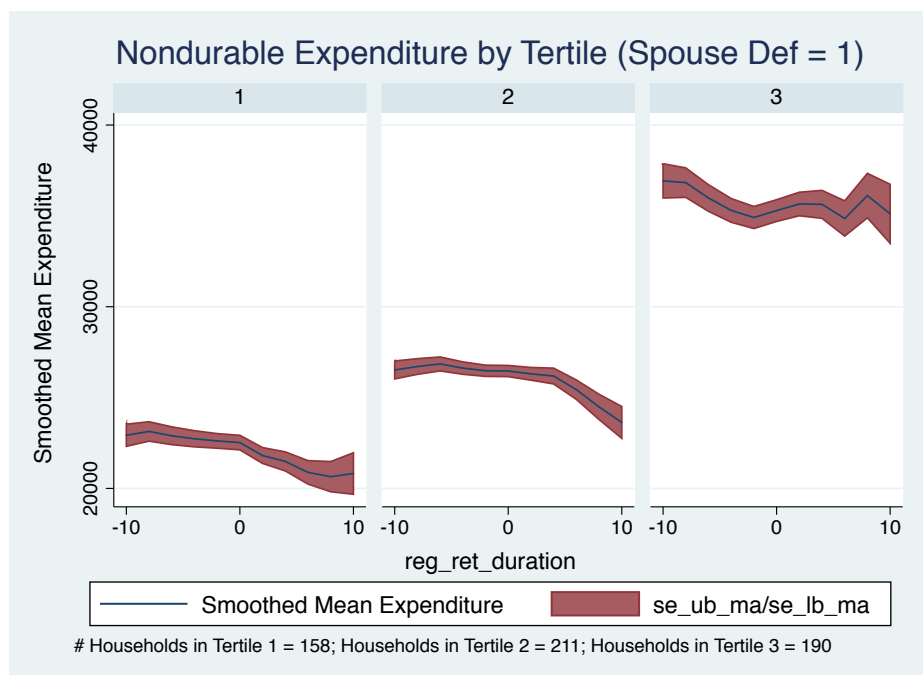
Full sample: Expenditure falls slightly for all three tertiles

Spouse never works: Expenditure falls slightly for all three tertiles

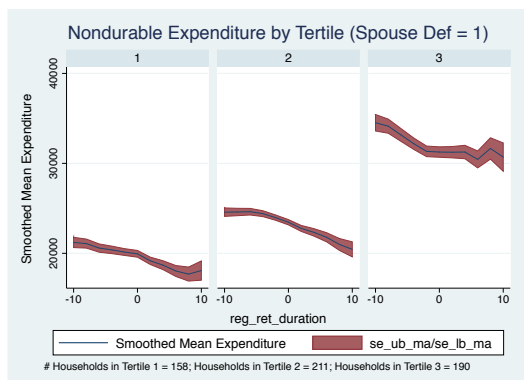
Spouse always works: Expenditure rises slightly for the rich

## 4 Expenditure based on tertiles (smoothed)

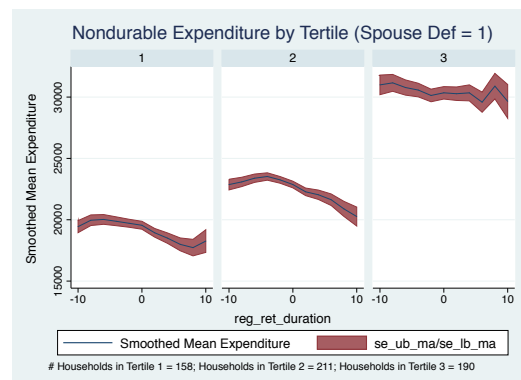
**Figure 7:** Expenditure based on tertile



(a) Nondurable expenditure



(b) Nondurables w/o health exp



(c) Nondurables w/o health and educ exp

Here we use the full sample - we do not select HHs based on spouse behavior.

Expenditure is roughly flat for the top tertile, once you take away education expenditure.

If spouse always works it's similar, if spouse different it looks similar, if spouse never works looks different

## 5 Expenditure Regressions

Here we use the full sample - we do not select households based upon spouse behavior

### 5.1 Regression table with nondurables expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2     | (3)<br>test 3       | (4)<br>test 4        | (5)<br>test 5       | (6)<br>test 6     | (7)<br>test 7     | (8)<br>test 8     | (9)<br>test 9     | (10)<br>test 10   |
|----------------|---------------------|-------------------|---------------------|----------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1.retired      | 5,461***<br>(372.4) | -398.1<br>(324.0) | -883.5**<br>(350.1) | -914.0***<br>(347.0) | -839.1**<br>(344.1) | -670.1<br>(545.4) | -398.1<br>(342.4) | -752.7<br>(503.1) | -720.5<br>(498.8) | -264.4<br>(496.8) |
| Observations   | 69,862              | 69,862            | 69,862              | 69,862               | 69,862              | 4,489             | 4,489             | 4,489             | 4,489             | 4,489             |
| R-squared      | 0.003               | 0.000             | 0.040               | 0.057                | 0.073               | 0.000             | 0.000             | 0.094             | 0.111             | 0.142             |
| HH FE          | No                  | Yes               | Yes                 | Yes                  | Yes                 | No                | Yes               | Yes               | Yes               | Yes               |
| Age Dummies    | No                  | No                | Yes                 | Yes                  | Yes                 | No                | No                | Yes               | Yes               | Yes               |
| Dummy Children | No                  | No                | No                  | Yes                  | Yes                 | No                | No                | No                | Yes               | Yes               |
| Time           | No                  | No                | No                  | No                   | Yes                 | No                | No                | No                | No                | Yes               |
| Number of pid  |                     | 18,085            | 18,085              | 18,085               | 18,085              |                   | 582               | 582               | 582               | 582               |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

## 5.2 Regression table with nondurables expenditure w/o health expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2        | (3)<br>test 3        | (4)<br>test 4        | (5)<br>test 5        | (6)<br>test 6        | (7)<br>test 7        | (8)<br>test 8        | (9)<br>test 9       | (10)<br>test 10    |
|----------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|--------------------|
| 1.retired      | 4,089***<br>(343.6) | -1,571***<br>(297.3) | -1,390***<br>(322.9) | -1,419***<br>(319.7) | -1,349***<br>(317.0) | -1,695***<br>(513.8) | -1,571***<br>(327.5) | -1,249***<br>(481.4) | -1,216**<br>(477.6) | -786.0*<br>(475.9) |
| Observations   | 69,862              | 69,862               | 69,862               | 69,862               | 69,862               | 4,489                | 4,489                | 4,489                | 4,489               | 4,489              |
| R-squared      | 0.002               | 0.001                | 0.030                | 0.049                | 0.066                | 0.002                | 0.006                | 0.099                | 0.114               | 0.144              |
| HH FE          | No                  | Yes                  | Yes                  | Yes                  | Yes                  | No                   | Yes                  | Yes                  | Yes                 | Yes                |
| Age Dummies    | No                  | No                   | Yes                  | Yes                  | Yes                  | No                   | No                   | Yes                  | Yes                 | Yes                |
| Dummy Children | No                  | No                   | No                   | Yes                  | Yes                  | No                   | No                   | No                   | Yes                 | Yes                |
| Time           | No                  | No                   | No                   | No                   | Yes                  | No                   | No                   | No                   | No                  | Yes                |
| Number of pid  |                     | 18,085               | 18,085               | 18,085               | 18,085               |                      | 582                  | 582                  | 582                 | 582                |

Standard errors in parentheses  
 \*\*\* p<0.01, \*\* p<0.05, \* p<0.1

### 5.3 Regression table with nondurables expenditure without Health and Education Expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2        | (3)<br>test 3        | (4)<br>test 4        | (5)<br>test 5        | (6)<br>test 6     | (7)<br>test 7       | (8)<br>test 8        | (9)<br>test 9        | (10)<br>test 10     |
|----------------|---------------------|----------------------|----------------------|----------------------|----------------------|-------------------|---------------------|----------------------|----------------------|---------------------|
| 1.retired      | 4,649***<br>(311.3) | -721.5***<br>(266.0) | -1,210***<br>(289.1) | -1,231***<br>(287.4) | -1,163***<br>(284.5) | -624.0<br>(462.0) | -721.5**<br>(289.8) | -1,441***<br>(419.1) | -1,421***<br>(417.0) | -1,004**<br>(414.2) |
| Observations   | 69,862              | 69,862               | 69,862               | 69,862               | 69,862               | 4,489             | 4,489               | 4,489                | 4,489                | 4,489               |
| R-squared      | 0.003               | 0.000                | 0.028                | 0.040                | 0.060                | 0.000             | 0.002               | 0.124                | 0.134                | 0.169               |
| HH FE          | No                  | Yes                  | Yes                  | Yes                  | Yes                  | No                | Yes                 | Yes                  | Yes                  | Yes                 |
| Age Dummies    | No                  | No                   | Yes                  | Yes                  | Yes                  | No                | No                  | Yes                  | Yes                  | Yes                 |
| Dummy Children | No                  | No                   | No                   | Yes                  | Yes                  | No                | No                  | No                   | Yes                  | Yes                 |
| Time           | No                  | No                   | No                   | No                   | Yes                  | No                | No                  | No                   | No                   | Yes                 |
| Number of pid  |                     | 18,085               | 18,085               | 18,085               | 18,085               |                   | 582                 | 582                  | 582                  | 582                 |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1



## 6 Expenditure Regressions: interact retirement with tertiles

Here we use the full sample - we do not select households based upon spouse behavior Note: smaller sample size is due to the approximately 20k HHs who do not have tertile defined (due to no social security observations)

### 6.1 Regression table with nondurables expenditure

| VARIABLES            | (1)<br>OLS          | (2)<br>test 2      | (3)<br>test 3       | (4)<br>test 4       | (5)<br>test 5       | (6)<br>test 6       | (7)<br>test 7      | (8)<br>test 8     | (9)<br>test 9      | (10)<br>test 10   |
|----------------------|---------------------|--------------------|---------------------|---------------------|---------------------|---------------------|--------------------|-------------------|--------------------|-------------------|
| 1.retired#1b.tertile | 5,646***<br>(659.8) | -1,072*<br>(590.6) | -1,269**<br>(632.6) | -1,248**<br>(624.8) | -1,467**<br>(619.0) | -2,519**<br>(988.8) | -1,072*<br>(650.7) | -1,212<br>(737.4) | -1,296*<br>(731.4) | -788.9<br>(722.9) |
| 1.retired#2.tertile  | 5,343***<br>(567.1) | 18.38<br>(517.5)   | -461.0<br>(559.1)   | -339.2<br>(552.2)   | -527.3<br>(547.0)   | -400.6<br>(863.6)   | 18.38<br>(570.2)   | -396.0<br>(669.9) | -349.2<br>(664.0)  | 251.4<br>(660.6)  |
| 1.retired#3.tertile  | 4,445***<br>(583.3) | -141.6<br>(532.5)  | -500.8<br>(585.8)   | -368.6<br>(578.6)   | -638.7<br>(573.3)   | -105.7<br>(896.0)   | -141.6<br>(586.8)  | -428.2<br>(691.3) | -375.9<br>(685.2)  | 86.90<br>(676.7)  |
| Observations         | 49,144              | 49,144             | 49,144              | 49,144              | 49,144              | 4,419               | 4,419              | 4,419             | 4,419              | 4,419             |
| R-squared            | 0.132               | 0.000              | 0.060               | 0.083               | 0.101               | 0.089               | 0.001              | 0.096             | 0.112              | 0.144             |
| HH FE                | No                  | Yes                | Yes                 | Yes                 | Yes                 | No                  | Yes                | Yes               | Yes                | Yes               |
| Age Dummies          | No                  | No                 | Yes                 | Yes                 | Yes                 | No                  | No                 | Yes               | Yes                | Yes               |
| Dummy Children       | No                  | No                 | No                  | Yes                 | Yes                 | No                  | No                 | No                | Yes                | Yes               |
| Time                 | No                  | No                 | No                  | No                  | Yes                 | No                  | No                 | No                | No                 | Yes               |
| Number of pid        |                     | 12,027             | 12,027              | 12,027              | 12,027              |                     | 557                | 557               | 557                | 557               |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

## 6.2 Regression table with nondurables expenditure w/o health expenditure

| VARIABLES            | (1)<br>OLS          | (2)<br>test 2        | (3)<br>test 3       | (4)<br>test 4       | (5)<br>test 5        | (6)<br>test 6        | (7)<br>test 7        | (8)<br>test 8      | (9)<br>test 9      | (10)<br>test 10   |
|----------------------|---------------------|----------------------|---------------------|---------------------|----------------------|----------------------|----------------------|--------------------|--------------------|-------------------|
| 1.retired#1b.tertile | 4,268***<br>(619.4) | -1,578***<br>(560.3) | -1,101*<br>(605.1)  | -1,081*<br>(597.2)  | -1,322**<br>(591.2)  | -2,768***<br>(933.6) | -1,578**<br>(622.8)  | -1,097<br>(706.0)  | -1,166*<br>(700.7) | -690.7<br>(693.0) |
| 1.retired#2.tertile  | 3,625***<br>(532.4) | -1,385***<br>(491.0) | -1,054**<br>(534.7) | -934.9*<br>(527.8)  | -1,128**<br>(522.4)  | -1,657**<br>(815.4)  | -1,385**<br>(545.8)  | -1,056*<br>(641.3) | -1,012<br>(636.2)  | -434.3<br>(633.2) |
| 1.retired#3.tertile  | 2,729***<br>(547.6) | -1,655***<br>(505.3) | -1,307**<br>(560.3) | -1,177**<br>(553.0) | -1,467***<br>(547.6) | -1,493*<br>(846.0)   | -1,655***<br>(561.6) | -1,297*<br>(661.9) | -1,250*<br>(656.6) | -812.8<br>(648.7) |
| Observations         | 49,144              | 49,144               | 49,144              | 49,144              | 49,144               | 4,419                | 4,419                | 4,419              | 4,419              | 4,419             |
| R-squared            | 0.126               | 0.001                | 0.045               | 0.070               | 0.089                | 0.087                | 0.006                | 0.099              | 0.115              | 0.145             |
| HH FE                | No                  | Yes                  | Yes                 | Yes                 | Yes                  | No                   | Yes                  | Yes                | Yes                | Yes               |
| Age Dummies          | No                  | No                   | Yes                 | Yes                 | Yes                  | No                   | No                   | Yes                | Yes                | Yes               |
| Dummy Children       | No                  | No                   | No                  | Yes                 | Yes                  | No                   | No                   | No                 | Yes                | Yes               |
| Time                 | No                  | No                   | No                  | No                  | Yes                  | No                   | No                   | No                 | No                 | Yes               |
| Number of pid        |                     | 12,027               | 12,027              | 12,027              | 12,027               |                      | 557                  | 557                | 557                | 557               |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

### 6.3 Regression table with nondurables expenditure without Health and Education Expenditure

| VARIABLES            | (1)<br>OLS          | (2)<br>test 2      | (3)<br>test 3        | (4)<br>test 4        | (5)<br>test 5        | (6)<br>test 6       | (7)<br>test 7      | (8)<br>test 8        | (9)<br>test 9        | (10)<br>test 10     |
|----------------------|---------------------|--------------------|----------------------|----------------------|----------------------|---------------------|--------------------|----------------------|----------------------|---------------------|
| 1.retired#1b.tertile | 4,388***<br>(553.4) | -929.0*<br>(486.3) | -1,095**<br>(525.1)  | -1,083**<br>(520.9)  | -1,318**<br>(514.4)  | -1,969**<br>(838.7) | -929.0*<br>(551.6) | -1,470**<br>(615.1)  | -1,521**<br>(612.3)  | -1,068*<br>(603.8)  |
| 1.retired#2.tertile  | 4,007***<br>(475.6) | -833.3*<br>(426.2) | -1,323***<br>(464.1) | -1,242***<br>(460.4) | -1,428***<br>(454.5) | -1,099<br>(732.5)   | -833.3*<br>(483.3) | -1,706***<br>(558.8) | -1,675***<br>(555.8) | -1,126**<br>(551.7) |
| 1.retired#3.tertile  | 4,451***<br>(489.2) | -451.1<br>(438.5)  | -818.7*<br>(486.3)   | -729.2<br>(482.4)    | -1,012**<br>(476.4)  | 343.1<br>(759.9)    | -451.1<br>(497.4)  | -1,186**<br>(576.7)  | -1,155**<br>(573.7)  | -738.8<br>(565.2)   |
| Observations         | 49,144              | 49,144             | 49,144               | 49,144               | 49,144               | 4,419               | 4,419              | 4,419                | 4,419                | 4,419               |
| R-squared            | 0.117               | 0.000              | 0.045                | 0.061                | 0.085                | 0.086               | 0.002              | 0.125                | 0.135                | 0.170               |
| HH FE                | No                  | Yes                | Yes                  | Yes                  | Yes                  | No                  | Yes                | Yes                  | Yes                  | Yes                 |
| Age Dummies          | No                  | No                 | Yes                  | Yes                  | Yes                  | No                  | No                 | Yes                  | Yes                  | Yes                 |
| Dummy Children       | No                  | No                 | No                   | Yes                  | Yes                  | No                  | No                 | No                   | Yes                  | Yes                 |
| Time                 | No                  | No                 | No                   | No                   | Yes                  | No                  | No                 | No                   | No                   | Yes                 |
| Number of pid        |                     | 12,027             | 12,027               | 12,027               | 12,027               |                     | 557                | 557                  | 557                  | 557                 |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

## 7 Expenditure Breakdown Before and After Retirement

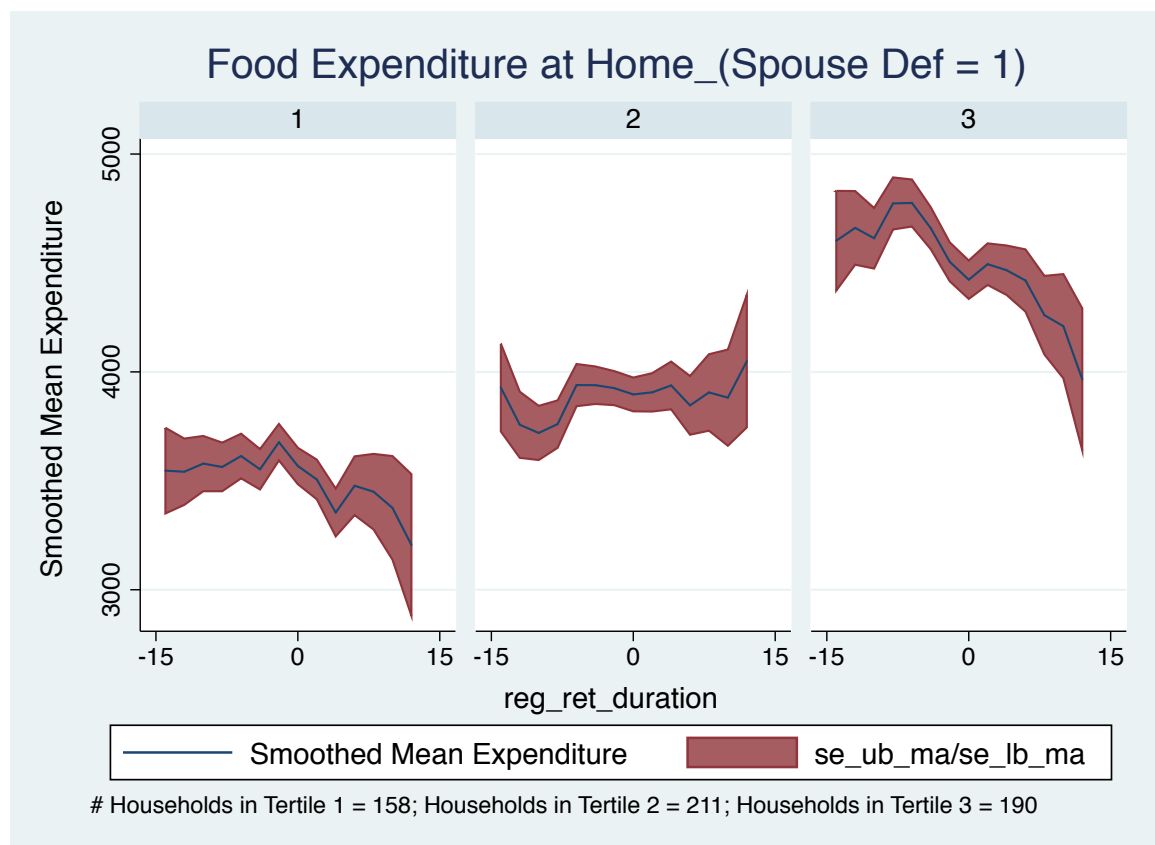
### 7.1 Food at Home Expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2     | (3)<br>test 3     | (4)<br>test 4     | (5)<br>test 5     |
|----------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| 1.retired      | 482.7***<br>(51.34) | -84.32<br>(56.68) | -41.39<br>(62.29) | -42.03<br>(62.27) | -43.99<br>(62.24) |
| Observations   | 69,862              | 69,862            | 69,862            | 69,862            | 69,862            |
| R-squared      | 0.001               | 0.000             | 0.007             | 0.008             | 0.009             |
| HH FE          | No                  | Yes               | Yes               | Yes               | Yes               |
| Age Dummies    | No                  | No                | Yes               | Yes               | Yes               |
| Dummy Children | No                  | No                | No                | Yes               | Yes               |
| Time           | No                  | No                | No                | No                | Yes               |
| Number of pid  |                     | 18,085            | 18,085            | 18,085            | 18,085            |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 8:** Food Expenditure at Home

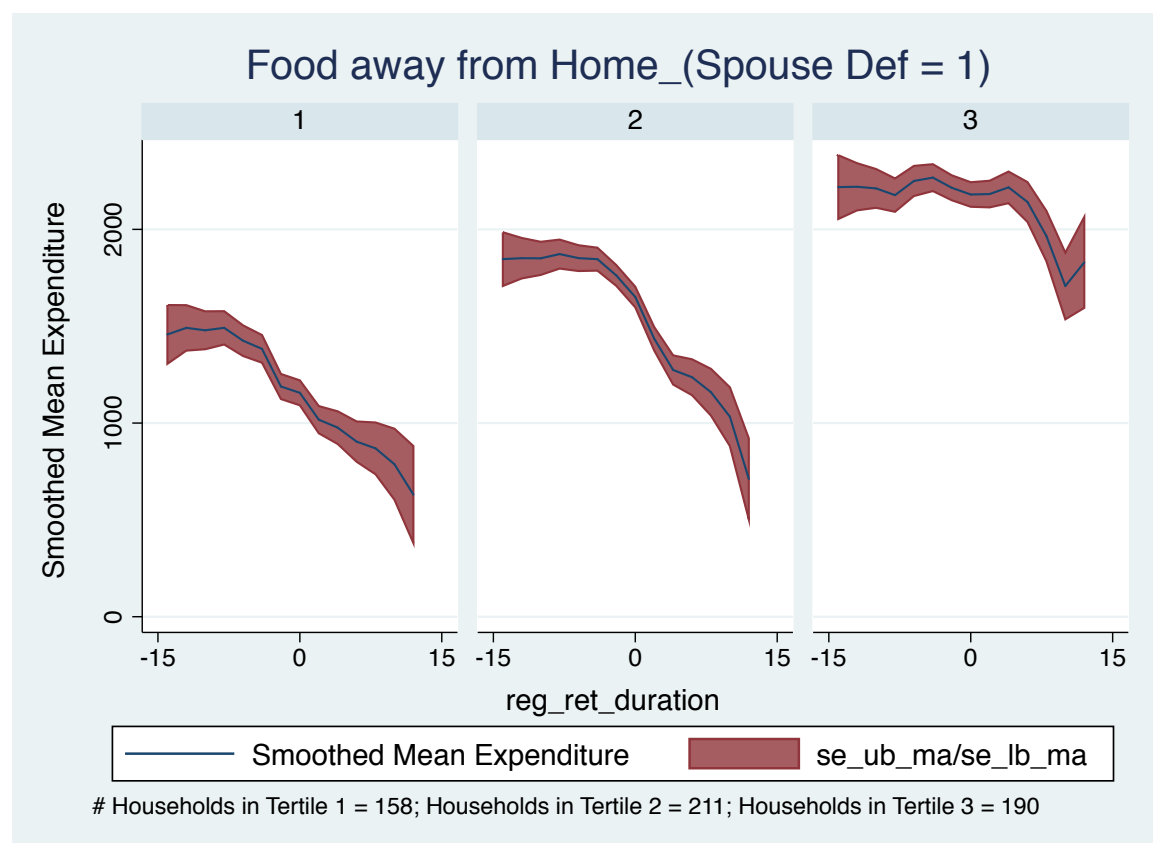


## 7.2 Food Away from Home Expenditure

| VARIABLES      | (1)<br>OLS         | (2)<br>test 2        | (3)<br>test 3        | (4)<br>test 4        | (5)<br>test 5        |
|----------------|--------------------|----------------------|----------------------|----------------------|----------------------|
| 1.retired      | 98.45**<br>(41.60) | -240.9***<br>(43.16) | -137.8***<br>(47.48) | -141.0***<br>(47.27) | -140.9***<br>(47.19) |
| Observations   | 69,862             | 69,862               | 69,862               | 69,862               | 69,862               |
| R-squared      | 0.000              | 0.001                | 0.005                | 0.014                | 0.018                |
| HH FE          | No                 | Yes                  | Yes                  | Yes                  | Yes                  |
| Age Dummies    | No                 | No                   | Yes                  | Yes                  | Yes                  |
| Dummy Children | No                 | No                   | No                   | Yes                  | Yes                  |
| Time           | No                 | No                   | No                   | No                   | Yes                  |
| Number of pid  |                    | 18,085               | 18,085               | 18,085               | 18,085               |

Standard errors in parentheses  
\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 9:** Food Expenditure Away from Home

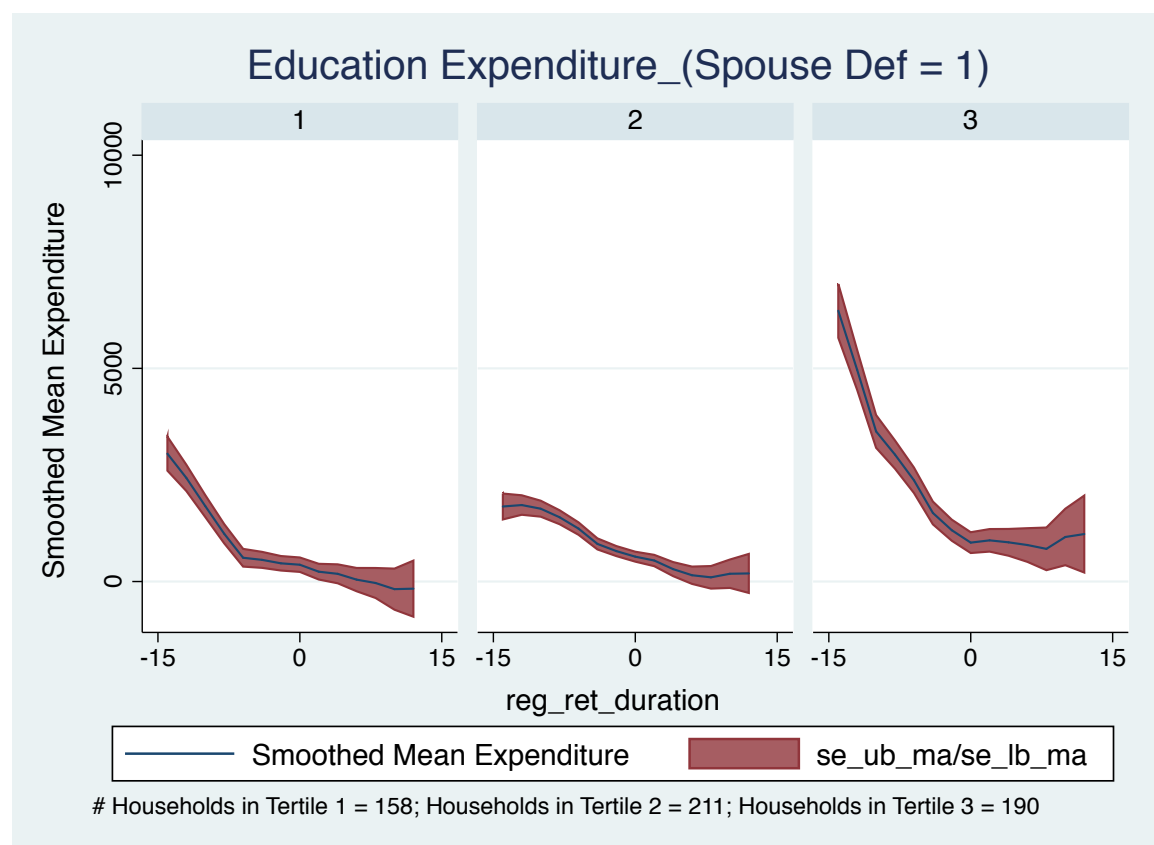


### 7.3 Education Expenditure

| VARIABLES      | (1)<br>OLS           | (2)<br>test 2        | (3)<br>test 3     | (4)<br>test 4     | (5)<br>test 5     |
|----------------|----------------------|----------------------|-------------------|-------------------|-------------------|
| 1.retired      | -560.5***<br>(94.33) | -849.8***<br>(119.0) | -179.7<br>(130.2) | -188.1<br>(129.5) | -186.0<br>(129.5) |
| Observations   | 69,862               | 69,862               | 69,862            | 69,862            | 69,862            |
| R-squared      | 0.001                | 0.001                | 0.016             | 0.026             | 0.026             |
| HH FE          | No                   | Yes                  | Yes               | Yes               | Yes               |
| Age Dummies    | No                   | No                   | Yes               | Yes               | Yes               |
| Dummy Children | No                   | No                   | No                | Yes               | Yes               |
| Time           | No                   | No                   | No                | No                | Yes               |
| Number of pid  |                      | 18,085               | 18,085            | 18,085            | 18,085            |

Standard errors in parentheses  
\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 10:** Expenditure on Education



## 7.4 Health Expenditure

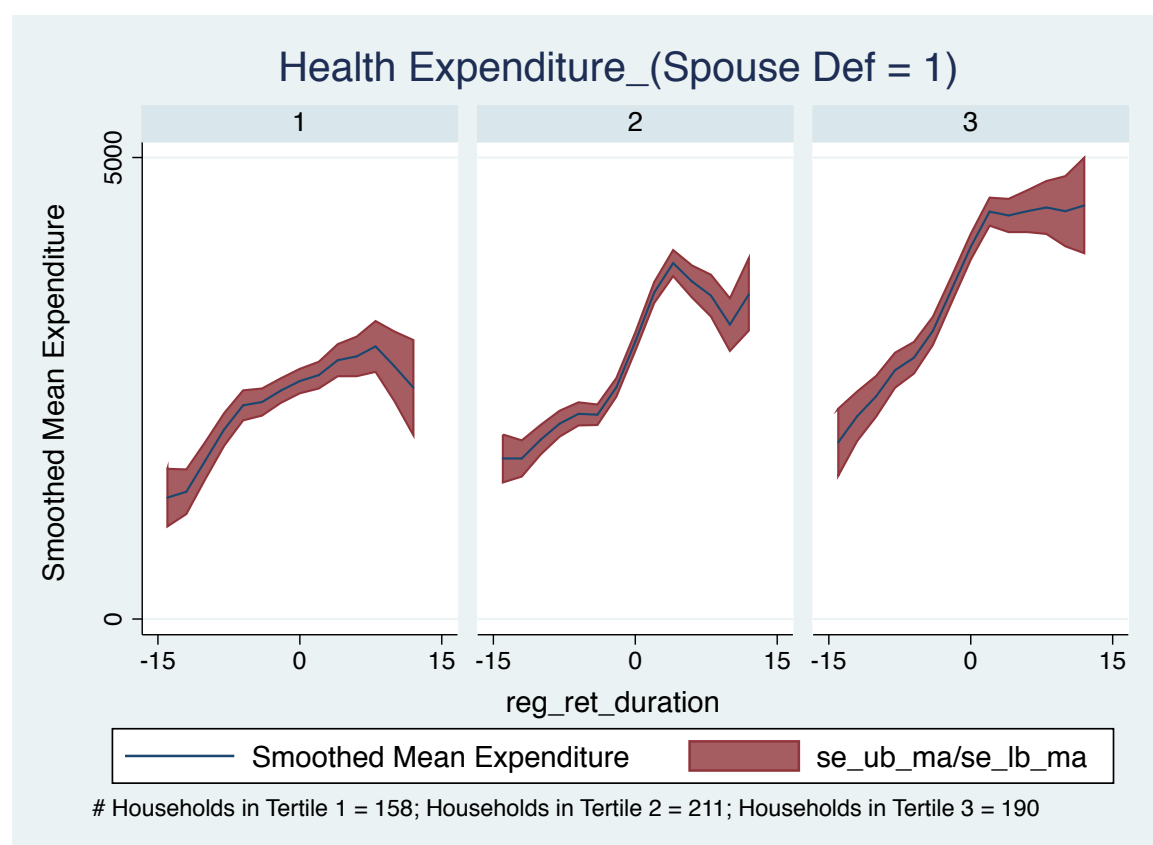
(Previously labeled recreation expenditure. But the tex file says health expenditure.)

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2       | (3)<br>test 3       | (4)<br>test 4       | (5)<br>test 5       |
|----------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1.retired      | 1,372***<br>(93.19) | 1,173***<br>(119.2) | 506.5***<br>(129.3) | 505.0***<br>(129.3) | 509.9***<br>(129.2) |
| Observations   | 69,862              | 69,862              | 69,862              | 69,862              | 69,862              |
| R-squared      | 0.003               | 0.002               | 0.033               | 0.033               | 0.034               |
| HH FE          | No                  | Yes                 | Yes                 | Yes                 | Yes                 |
| Age Dummies    | No                  | No                  | Yes                 | Yes                 | Yes                 |
| Dummy Children | No                  | No                  | No                  | Yes                 | Yes                 |
| Time           | No                  | No                  | No                  | No                  | Yes                 |
| Number of pid  |                     | 18,085              | 18,085              | 18,085              | 18,085              |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 11:** Expenditure on Health



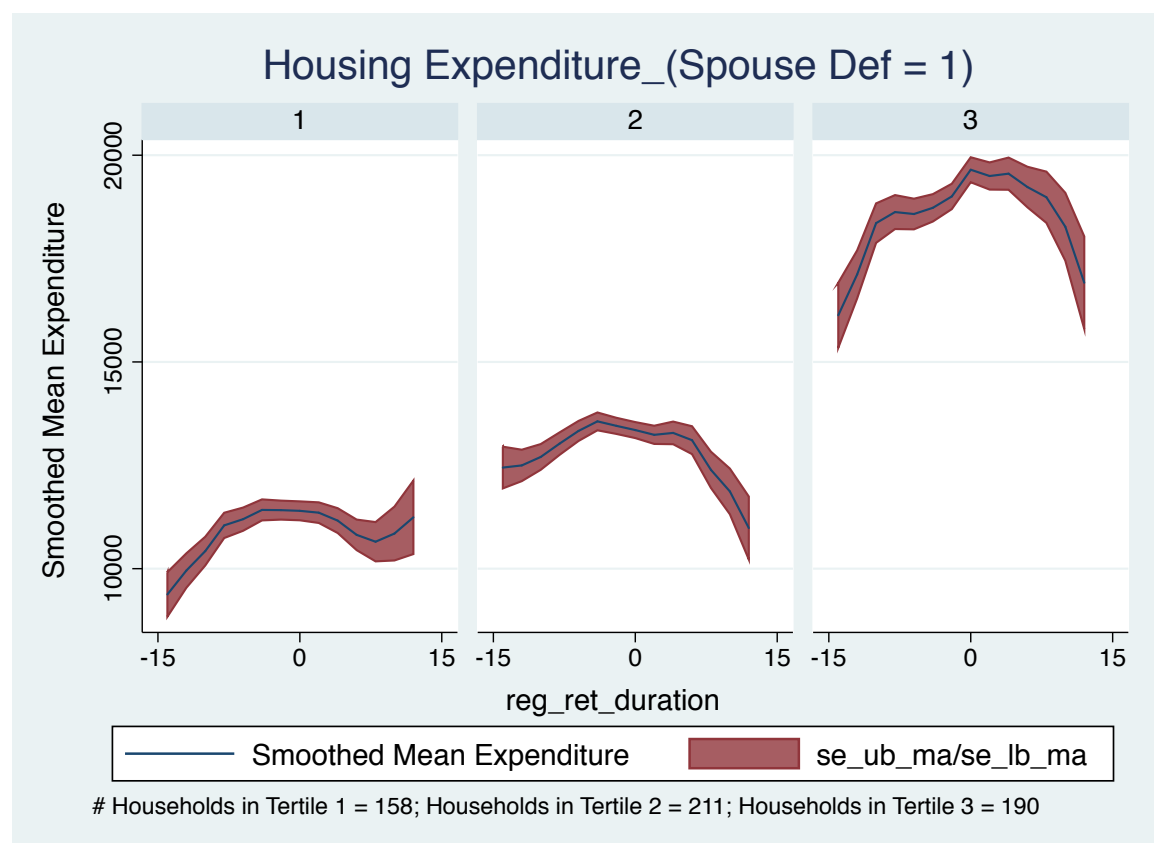
## 7.5 Housing Expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2    | (3)<br>test 3        | (4)<br>test 4        | (5)<br>test 5        |
|----------------|---------------------|------------------|----------------------|----------------------|----------------------|
| 1.retired      | 4,127***<br>(237.6) | 324.6<br>(197.7) | -641.7***<br>(214.4) | -652.1***<br>(213.8) | -595.3***<br>(211.7) |
| Observations   | 69,862              | 69,862           | 69,862               | 69,862               | 69,862               |
| R-squared      | 0.004               | 0.000            | 0.032                | 0.038                | 0.057                |
| HH FE          | No                  | Yes              | Yes                  | Yes                  | Yes                  |
| Age Dummies    | No                  | No               | Yes                  | Yes                  | Yes                  |
| Dummy Children | No                  | No               | No                   | Yes                  | Yes                  |
| Time           | No                  | No               | No                   | No                   | Yes                  |
| Number of pid  |                     | 18,085           | 18,085               | 18,085               | 18,085               |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 12:** Expenditure on Housing





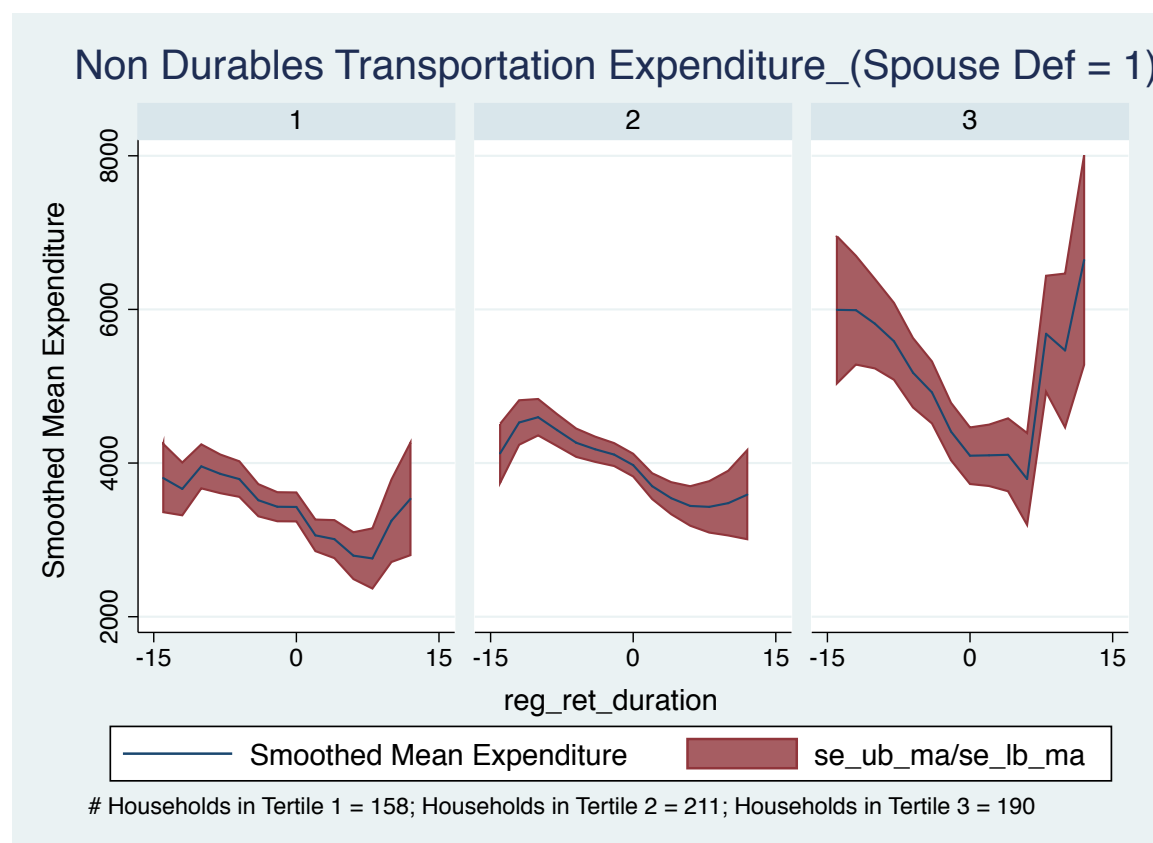
## 7.6 Nondurable Transportation Expenditure

| VARIABLES      | (1)<br>OLS        | (2)<br>test 2        | (3)<br>test 3       | (4)<br>test 4        | (5)<br>test 5       |
|----------------|-------------------|----------------------|---------------------|----------------------|---------------------|
| 1.retired      | -58.66<br>(103.0) | -720.9***<br>(137.7) | -389.5**<br>(151.3) | -395.7***<br>(151.0) | -382.8**<br>(150.5) |
| Observations   | 69,862            | 69,862               | 69,862              | 69,862               | 69,862              |
| R-squared      | 0.000             | 0.001                | 0.007               | 0.011                | 0.018               |
| HH FE          | No                | Yes                  | Yes                 | Yes                  | Yes                 |
| Age Dummies    | No                | No                   | Yes                 | Yes                  | Yes                 |
| Dummy Children | No                | No                   | No                  | Yes                  | Yes                 |
| Time           | No                | No                   | No                  | No                   | Yes                 |
| Number of pid  |                   | 18,085               | 18,085              | 18,085               | 18,085              |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 13:** Expenditure on Nondurable Transport

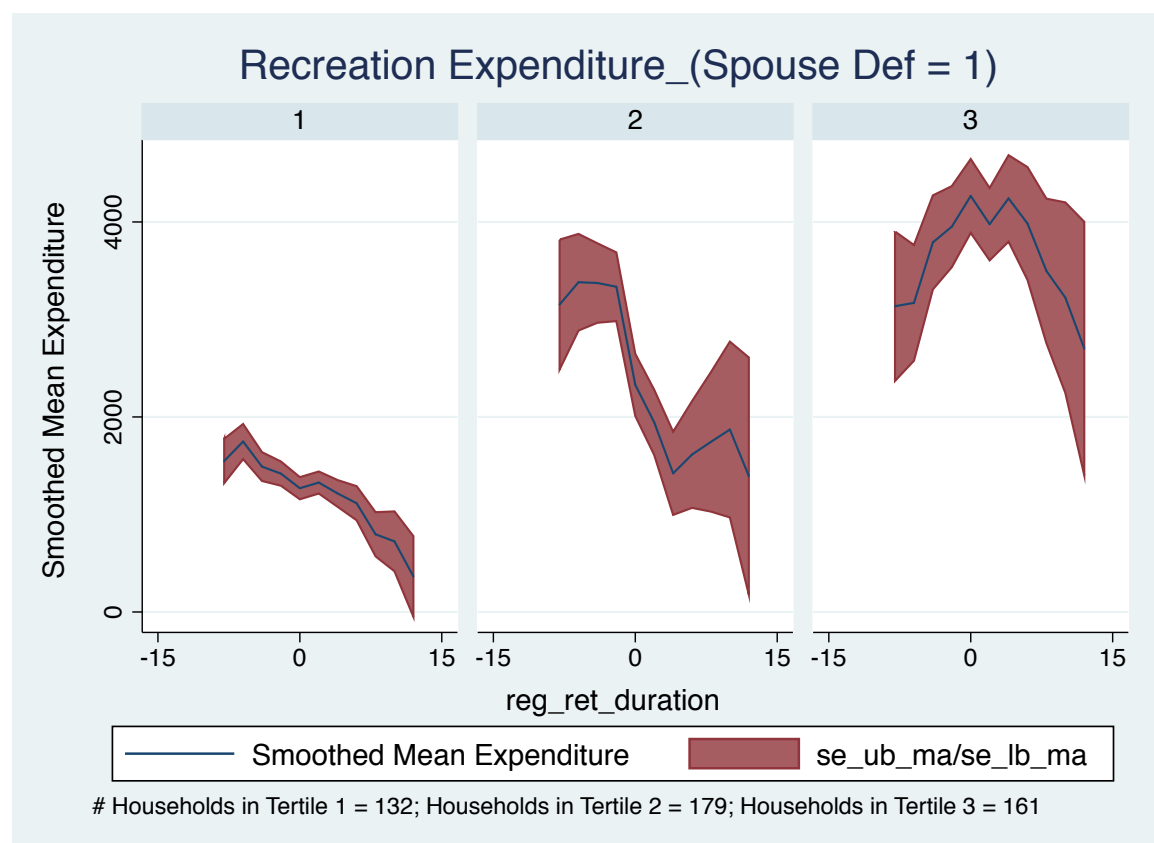


## 7.7 Recreation Expenditure

| VARIABLES      | (1)<br>OLS          | (2)<br>test 2        | (3)<br>test 3     | (4)<br>test 4      | (5)<br>test 5      |
|----------------|---------------------|----------------------|-------------------|--------------------|--------------------|
| 1.retired      | 799.4***<br>(102.8) | -412.0***<br>(153.3) | -268.6<br>(166.2) | -274.1*<br>(166.1) | -273.6*<br>(166.1) |
| Observations   | 48,410              | 48,410               | 48,410            | 48,410             | 48,410             |
| R-squared      | 0.001               | 0.000                | 0.004             | 0.005              | 0.005              |
| HH FE          | No                  | Yes                  | Yes               | Yes                | Yes                |
| Age Dummies    | No                  | No                   | Yes               | Yes                | Yes                |
| Dummy Children | No                  | No                   | No                | Yes                | Yes                |
| Time           | No                  | No                   | No                | No                 | Yes                |
| Number of pid  |                     | 14,664               | 14,664            | 14,664             | 14,664             |

Standard errors in parentheses  
\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 14:** Expenditure on total recreation (post 2005)



## 7.8 Clothing Expenditure

| VARIABLES      | (1)<br>OLS           | (2)<br>test 2        | (3)<br>test 3     | (4)<br>test 4     | (5)<br>test 5     |
|----------------|----------------------|----------------------|-------------------|-------------------|-------------------|
| 1.retired      | -272.4***<br>(51.04) | -417.2***<br>(76.86) | -122.2<br>(83.04) | -123.6<br>(83.02) | -123.2<br>(82.98) |
| Observations   | 48,410               | 48,410               | 48,410            | 48,410            | 48,410            |
| R-squared      | 0.001                | 0.001                | 0.012             | 0.012             | 0.014             |
| HH FE          | No                   | Yes                  | Yes               | Yes               | Yes               |
| Age Dummies    | No                   | No                   | Yes               | Yes               | Yes               |
| Dummy Children | No                   | No                   | No                | Yes               | Yes               |
| Time           | No                   | No                   | No                | No                | Yes               |
| Number of pid  |                      | 14,664               | 14,664            | 14,664            | 14,664            |

Standard errors in parentheses

\*\*\* p<0.01, \*\* p<0.05, \* p<0.1

**Figure 15:** Expenditure on total clothing (post 2005)

