SUPPLEMENTAL FIGURE LEGEND AND OTHER SUPPLEMENTAL MATERIALS

Figure S1. Participant Flowchart*

*Researchers own analyses and calculations based in part on data reported by Nielsen through its Homescan Service for the food and beverage categories for the years 2004–2013, for the US market Nielsen data is licensed from The Nielsen Company, 2016 The conclusions drawn from the Nielsen data are those of the Researchers and do not reflect the views of Nielsen. Nielsen is not responsible for and was not involved in analyzing and preparing the results reported herein.

Supplemental method S1: Allostatic load

Supplemental method S2: HomeScan data description

Supplemental method S3: Food group description

Supplemental method S4: Description of mixed-effects regression models
Supplemental method S5: Stata do file for main analysis

Supplemental methods S1: Allostatic load

A total AL score was computed using a method described in a previous study.[62] AL total score sums up cardiovascular (systolic and diastolic blood pressure, pulse rate), metabolic (total cholesterol, HDL cholesterol, glycosylated Hb, sex-specific waist-to-hip ratio) and inflammatory (albumin and C-reactive protein (CRP)) risk indicators. Clinical criteria summarized in Table 1 were used to obtain risk indicators which were summed with equal weighting to compute total AL score (range: 0-9).

Total cholesterol (mg/dL), HDL-cholesterol (mg/dL), CRP (mg/dL), albumin (g/dL) and glycosylated hemoglobin (%) were measured by contract laboratories using reference analytical methods (See Laboratory Procedures for NHANES III).[63] Using standard protocols, waist-to-hip ratio, radial pulse (beats/min), and systolic and diastolic blood pressure (mmHg) were measured by trained examiners. Specifically, blood pressure was measured using a mercury sphygmomanometer [63] The arithmetic mean of three systolic and diastolic pressures was used in analysis.

Table 1. Allostatic load indicator criteria[62].

| Clinical Indicator                                   | Value       |
|------------------------------------------------------|-------------|
| Albumin (g/dL)                                       | < 3.8 [121] |
| C-reactive protein (mg/dL)                           | ≥ 0.3 [122] |
| Waist:Hip                                            | > 0.9 for men; > 0.85 for women [123] |
| Total cholesterol (mg/dL)                            | ≥ 240[124]  |
| HDL (mg/dL)                                          | < 40[124]   |
| Glycated hemoglobin (%)                              | ≥ 6.4[125,126] |
| Resting heart rate (beat/min)                        | ≥ 90[127]   |
| Systolic BP                                          | ≥ 140[128]  |
| Diastolic BP                                         | ≥ 90[128]   |

Supplemental Method S2: HomeScan data description

The Homescan panel is a nationwide sample of US households that record all packaged foods and beverages purchased from grocery stores, supermarkets, and other retail food stores continuously throughout the year. Households are followed prospectively and must report purchases for at least 10 months per year. The sample includes approximately 40,000-60,000 US households each year from 76 geographic markets, and Nielsen provides projection factor weights to generate nationally representative estimates.[129] Household members scan the Universal Product Code barcode on each purchased item after each shopping trip using a handheld scanner and report the quantity purchased. Methods for reporting price paid depend on the store where the purchase takes place. For most products, Nielsen imputes the price paid from store-level point-of-sales data (“ScanTrack”) as the average price paid for the product from that store for the given week and market.[130] However, for items purchased from stores not covered by ScanTrack, households must manually record the price paid; if the reported price is outside of the typical range, Nielsen replaces the reported value with the median regional price.[130]

Supplemental methods S3: Food group description

| FG UNC | UNC Description of FG | HANDLS code for closest FG |
|--------|-----------------------|-----------------------------|
| 1      | cheese                | 24,25,26                    |
| 2      | yogurt                |                             |
| 3      | dairy products, other |                             |
| 4      | dairy-based desserts  | 30,31                       |
5. meat 32,36,39
6. meat, breaded 33,35,37
7. processed meat 40
8. Eggs 44
9. Legumes 45
10. Nuts and nut products 57
11. Bread and bread products 1,2
12. TORTILLAS, TACO SHELLS, AND WRAPS
13. QUICK BREADS
14. GRAIN-BASED DESSERTS
15. Grain-based bars
16. Pasta and rice 4,5,6
17. Cereal 7
18. Fruit 13,14,15,16
19. Fruit dish 17
20. Vegetables 18,19,21
21. Starchy vegetables 20
22. Fried potatoes
23. Fats and oils 54,55,56
24. Sweeteners 52
25. CANDY AND SWEET SNACKS 51,53
26. Baking products 11
27. Salt and seasoning 60
28. Soups and stews 14,11
29. Salty snacks 8,9
30. SAUCES, DIPS, AND CONDIMENTS
31. Baby food 12
32. MIXED DISH, REFRIGERATED
33. MIXED DISH, FROZEN 46
34. MIXED DISH, CANNED/SHELF-STABLE
35. MIXED DISH, INSTANT/MIX
36. Water 61 or closest neighbor
37. Coffee and tea 47
38. SSB 48,49
39. FRUIT AND VEGETABLE JUICE
40. Milk 22,23
41. COCOA AND SWEETENED MILK BEVERAGES
42. MILK SUBSTITUTES AND MILK BEVERAGES 58

Use closest neighbor imputation instead if imputed
Use HANDLS code if imputed; UNC code otherwise

HANDLS 61 food groups.

GRAINS

1. (1) Refined breads, (3) Multigrain breads, (5) Low sodium breads, (6) Refined Quick breads
(2) 100% whole wheat breads, (4) High fiber, reduced calorie breads, (7) Whole wheat quick breads, (10) Whole wheat pasta without added fat, (11) Whole wheat pasta with added fat, (12) Brown rice without fat added, (13) Brown rice with fat added
(18) Whole grain cooked cereals no fat added, (19) Whole grain cooked cereals with fat added, (25) Whole wheat crackers, (21) High fiber cereals
(8) Pastas without added fat, (9) Pastas with added fat, (154) Pasta with meat, (155) Pasta without meat
(14) Cereals and white rice without added fat, (15) Cereals and white rice with added fat, (156) Rice dishes with meat, (157) Rice dishes without meat
(20) Ready to eat cereals, (37) Breakfast bars
(22) Regular crackers, (26) Salty snacks (chips, pretzels, popcorn, chips)
(23) Reduced fat crackers, (27) Low sodium snacks (pretzels, crackers, chips, popcorn), (28) Reduced fat potato chips
(24) Sweet crackers (graham, animal), (29) Cakes, (31) Doughnuts, (32) Cookies, (34) Pies (excludes fruit pies), (36) Pastries
(30) Diet cakes and pastries, (33) Diet cookies
(39) Baby foods, (129) Infant formulas, (230) Baby foods

FRUITS
(50) Raw, canned, frozen fruit without added sugar, (62) Unsweetened fruit juices, (51) Canned sweetened fruit juices, (63) Sweetened fruit juices,
(52) Citrus fruits without added sugar, (53) Citrus fruits with added sugar, (60) Unsweetened citrus fruit juices, (61) Sweetened citrus fruit juices,
(54) Berries without added sugar, (55) Berries with added sugar
(56) Dried fruit, dried fruit cooked without added sugar, (57) Dried fruit cooked with added sugar
(58) Fruit desserts, (59) Fruit with added fat, (35) Fruit pies

VEGETABLES
(200) Raw and cooked without fat dark green vegetables, (204) Low sodium canned dark green vegetables, (202) Canned dark green vegetables with or without added fat, (201) Cooked with added fat dark green vegetables
(205) Raw and cooked without fat orange vegetables, (207) Canned orange vegetables with or without added fat, (209) Low sodium canned orange vegetables, (210) Cooked orange vegetables with sugar added, (206) Cooked with added fat orange vegetables, carrot juice
(211) Raw and cooked without fat starchy vegetables, (213) Canned starchy vegetables without added fat, (215) Low sodium canned starchy vegetables, (224) Canned vegetable combinations cooked with or without fat, (212) Cooked with added fat starchy vegetables, (214) Canned starchy vegetables with added fat, (216) French fried potatoes
(217) Raw and cooked without fat other vegetables, (219) Canned other vegetables without added fat, (221) Low sodium canned other vegetables, (222) Vegetable combinations cooked without fat, (218) Cooked with added fat other vegetables, (220) Canned other vegetables with added fat, (223) Vegetable combinations cooked with fat, (229) Vegetable salads with added fat, (228) Pickled vegetables, (226) Vegetable juices, (227) Low sodium vegetable juices, (232) Low sodium veg combinations

MILK and MILK PRODUCTS
(100) Regular milk
(101) Reduced fat milk, (102) Fat free milk
(112) Natural, regular cheese, (116) Low sodium cheese
(113) Natural, reduced fat and fat free cheese
(114) Processed, regular cheese
(115) Processed, reduced fat and fat free cheese
(103) Regular dairy products:
(120) Regular cheese products (cottage, cream), (106) Regular cream, (108) Regular milk based beverages, (117) Regular cheese sauce, (122) Cheese based soups, (110) Regular yogurt (includes frozen)

28. Low fat dairy products:
   (121) Lowfat or fat free cheese products (cottage, cream), (107) Reduced fat cream, (109) Reduced fat milk based beverages, (118) Low fat cheese sauce, (111) Lowfat yogurt (includes frozen)

29. Dairy desserts- regular: (123) Regular ice cream, (126) Regular pudding, (103) Condensed milk

30. Dairy desserts – low or ff desserts: (124) Light ice cream, (125) Fat free ice cream, (127) Reduced fat pudding, (162) nondairy frozen desserts

MEATS

31. (300) Lean red meats no added fat, (309) Veal, (311) Game
32. (301) Red meats with fat, (308) Lamb
33. (302) Chicken/poultry no added fat
34. (303) Chicken/poultry with added fat
35. (304) Fin fish no fat
36. (305) Fin fish with added fat
37. (306) Shellfish
38. Sandwich: (119) Cheese sandwich, (320) Beef/pork sandwiches, (321) Poultry sandwiches, (322) Fish sandwiches, (323) Bacon/ sausage hot dog sandwiches, (324) Submarine sandwiches and luncheon meat sandwiches, (38) Sandwiches (croissant, turnover)
39. (307) Sausage/bacon/luncheon meats, (310) Organ meats
40. (312) Meat dishes, (325) Frozen meat meals, (329) Frozen veal meals, (313) Chicken dishes, (327) Frozen chicken meals, (314) Seafood dishes, (330) Frozen fish meals, (150) Hispanic dishes with meat, (160) Dumplings and egg rolls
41. Soups: (315) Mixed meats (stews, gumbo), (316) Beef/pork soups, (317) Poultry soups, (318) Seafood soups, (161) Grain-based soups with meat, (231) Vegetable soups
42. Diet Frozen meals: (326) meat, (328) chicken, (331) fish

EGGS

43. Egg dishes: (140) Egg dishes without fat, (141) Egg dishes with added fat, (142) Egg substitutes, (143) Egg sandwiches, (144) Frozen egg meals

LEGUMES

44. (250) Legumes prepared with fat, (251) Legumes prepared without fat, (252) Canned legumes prepared with fat, (253) Canned legumes prepared without fat, (254) Low sodium canned legumes, (255) Legume prepared dishes with meat, (256) Legume prepared dishes without meat, (257) Legume based soups, (258) Low sodium legume based soups, (104) Soy milk, (151) Hispanic dishes without meat

MIXED DISHES

45. Pizza: (152) Pizza with meat, (153) Pizza without meat

BEVERAGES

46. Coffee/Tea: (80) Coffee, (83) Coffee substitutes, (84) Tea
47. Sweetened drinks: (89) Regular soft drinks, (81) Presweetened coffee, (85) Presweetened tea, (87) Fruit drinks
48. Diet drinks: (90) Diet soft drinks, (82) Coffee with low calorie sweeteners, (86) Tea with low calorie sweetener, (88) Low calories fruit drinks
49. (91) Alcoholic beverages

SUGARS
50. Sugar: (400) Added sugars, (402) Regular gelatin dessert
51. Sugar substitute: (401) Sugar substitutes, (403) Sugar free gelatin desserts, (405) Dietetic free/low calorie candy
52. (404) Candy

FATS
53. (420) Animal fats and salad dressings, (319) Meat gravy
54. (421) Vegetable fats and salad dressings
55. (422) Reduced calorie spreads and salad dressings

NUTS
56. (450) Nuts and nut butters, (451) Low sodium nuts and nut butters, (452) Peanut butter sandwiches

OTHERS
57. (470) Protein powders and meal replacements, (128) Milk based powders, Milk substitutes, nutritional beverage.
58. (480) Yeast
59. (490) Condiments
60. Water

Harmonized food group among non-imputed food codes, visit 1, day 1

| Food_group_final | Freq. | Percent | Cum. |
|-----------------|-------|---------|------|
| 1               | 796   | 5.98    | 5.98 |
| 2               | 74    | 0.56    | 6.53 |
| 3               | 540   | 4.06    | 10.59|
| 4               | 215   | 1.61    | 12.20|
| 5               | 288   | 2.16    | 14.37|
| 6               | 155   | 1.16    | 15.53|
| 7               | 1,168 | 8.77    | 24.30|
| 8               | 479   | 3.60    | 27.90|
| 9               | 45    | 0.34    | 28.24|
| 10              | 190   | 1.43    | 29.66|
| 11              | 1,029 | 7.73    | 37.39|
| 12              | 22    | 0.17    | 37.56|
| 13              | 217   | 1.63    | 39.19|
| 14              | 587   | 4.41    | 43.59|
| 15              | 46    | 0.35    | 43.94|
| 16              | 71    | 0.53    | 44.47|
| 17              | 380   | 2.85    | 47.33|
| 18              | 248   | 1.86    | 49.19|
| 19              | 2     | 0.02    | 49.20|
| 20              | 1,036 | 7.78    | 56.98|
| 21              | 33    | 0.25    | 57.23|
| 22              | 118   | 0.89    | 58.12|
| 23              | 300   | 2.25    | 60.37|
| 24              | 301   | 2.26    | 62.63|
| 25              | 104   | 0.78    | 63.41|
| 26              | 4     | 0.03    | 63.44|
| 27              | 1     | 0.01    | 63.45|
| 28              | 113   | 0.85    | 64.30|
| 29              | 383   | 2.88    | 67.17|
| 30              | 654   | 4.91    | 72.09|

 Harmonized food group among non-imputed food codes, visit 1, day 1
Harmonized food group among *imputed* food codes, visit 1, day 1

| Food group final | Freq. | Percent | Cum. |
|------------------|-------|---------|------|
| 1                | 8     | 0.06    | 0.06 |
| 3                | 5     | 0.04    | 0.09 |
| 4                | 90    | 0.64    | 0.73 |
| 5                | 559   | 3.95    | 4.68 |
| 6                | **804** | **5.68** | **10.36** |
| 7                | 70    | 0.49    | 10.86 |
| 8                | 68    | 0.48    | 11.34 |
| 9                | 61    | 0.43    | 11.77 |
| 10               | 32    | 0.23    | 12.00 |
| 11               | 622   | 4.40    | 16.39 |
| 12               | 4     | 0.03    | 16.42 |
| 13               | 26    | 0.18    | 16.60 |
| 14               | 337   | 2.38    | 18.99 |
| 16               | 510   | 3.61    | 22.59 |
| 17               | 124   | 0.88    | 23.47 |
| 18               | 517   | 3.65    | 27.12 |
| 19               | 19    | 0.13    | 27.26 |
| 20               | **1,243** | **8.79** | **36.04** |
| 21               | 338   | 2.39    | 38.43 |
| 22               | 406   | 2.87    | 41.30 |
| 23               | 256   | 1.81    | 43.11 |
| 24               | 107   | 0.76    | 43.87 |
| 25               | **1,192** | **8.43** | **52.29** |
| 26               | 5     | 0.04    | 52.33 |
| 27               | 237   | 1.68    | 54.00 |
| 28               | 266   | 1.88    | 55.88 |
| 29               | 547   | 3.87    | 59.75 |
| 30               | 158   | 1.12    | 60.87 |
| 31               | 2     | 0.01    | 60.88 |
| 32               | 143   | 1.01    | 61.89 |
| 33               | 157   | 1.11    | 63.00 |
| 34               | 79    | 0.56    | 63.56 |
| 35               | 76    | 0.54    | 64.10 |
| 37               | **1,970** | **13.9378.02** |
| 38               | 2,512 | 17.7695.78 |
| 39               | 530   | 3.75    | 99.53 |
| 40               | 29    | 0.20    | 99.73 |
Supplemental Method S4: Description of mixed-effects regression models

The main multiple mixed-effects regression models can be summarized as follows:

| Multi-level models | vs. Composite models |
|--------------------|----------------------|
| $Y_{ij} = \pi_{0i} + \pi_{1i}Time_{ij} + \epsilon_{ij}$ | $Y_{ij} = \gamma_{00} + \gamma_{0a}X_{a_{ij}} + \sum_{k=1}^{l} \gamma_{0k}Z_{ik}$ |
| $\pi_{0i} = \gamma_{00} + \gamma_{0a}X_{a_{ij}} + \sum_{k=1}^{l} \gamma_{0k}Z_{ik} + \zeta_{0i}$ | $\pi_{1i} = \gamma_{10} + \gamma_{1a}X_{a_{ij}} + \sum_{m=1}^{n} \gamma_{1m}Z_{im} + \zeta_{1i}$ |
| $\pi_{1i} = \gamma_{10} + \gamma_{1a}X_{a_{ij}} + \sum_{m=1}^{n} \gamma_{1m}Z_{im} + \zeta_{1i}$ | $Y_{ij} = \gamma_{00} + \gamma_{0a}X_{a_{ij}} + \sum_{k=1}^{l} \gamma_{0k}Z_{ik}$ |
| $\sum_{m=1}^{n} \gamma_{im}Z_{im}Time_{ij}$ | $+ \gamma_{10}Time_{ij} + \gamma_{1a}X_{a_{ij}}Time_{ij}$ |
| $+(\zeta_{0i} + \zeta_{1i}Time_{ij} + \epsilon_{ij})$ | $+ \sum_{m=1}^{n} \gamma_{im}Z_{im}Time_{ij}$ |

Where $Y_{ij}$ is the outcome (AL and components) for each individual “i” and visit “j”; $\pi_{0i}$ is the level-1 intercept for individual i; $\pi_{1i}$ is the level-1 slope for individual i; $\gamma_{0i}$ is the level-2 intercept of the random intercept $\pi_{0i}$; $\gamma_{10}$ is the level-2 intercept of the slope $\pi_{1i}$; $Z_{ik}$ is a vector of fixed covariates for each individual i that are used to predict level-1 intercepts and slopes and included baseline age (Agebase) among other covariates. $X_{ij}$ represents the main predictor variables (MVD and/or DASH mean across first two visits); $\zeta_{0i}$ and $\zeta_{1i}$ are level-2 disturbances; $\epsilon_{ij}$ is the within-person level-1 disturbance. Of primary interest are the main effects of each exposure $X_{a_{ij}}$ ($\gamma_{0a}$) and their interaction with TIME ($\gamma_{1a}$), as described in a previous methodological paper.[131]

Supplemental method S5: Stata do file for main analysis

**PRELIMINARY DATA MANAGEMENT NOT SHOWN FOR SIMPLICITY, GENERAL STEPS:**

STEP 0: ESTIMATE FOOD COST/MVD FOR WAVES 1 AND 3 (ALREADY COMPLETED FOR ANOTHER PROJECT).

STEP 1: PREPARE COVARIATES DATASET + AGE VARIABLES

STEP 2: MERGE BASELINE COVARIATES DATASET + AGE VARIABLES WITH DIETARY COVARIATES

STEP 3: MERGE DIETARY DASH DATA WITH DEMOGRAPHIC DATA FOR EACH OF WAVES 1 AND 3

STEP 4: MERGE FOOD COST DATA WITH DEMOGRAPHIC DATA FOR EACH OF WAVES 1 AND 3

STEP 5: MERGE FOOD COST WITH DASH DIET VARIABLES AT EACH WAVE, with demo variables

STEP 6A: MERGE WAVES 1 AND 3 (WIDE) FOR FOOD COST AND DASH DIET + DEMOGRAPHICS

STEP 6B: APPEND WAVES 1 AND 3 (LONG) FOR FOOD COST AND DASH DIET + DEMOGRAPHICS

STEP 6C: MERGE WIDE DATASET WITH REMAINING COVARIATES + AGE VARIABLES

STEP 6D: MERGE LONG DATASET WITH REMAINING COVARIATES + AGE VARIABLES

STEP 7A: DISASSEMBLE WAVES 3 AND 4 FOR ALLOSTATIC LOAD AND COMPONENTS

STEP 7B: RENAME VARIABLES OF ALLOSTATIC LOAD FILES FOR EACH WAVE (W3 AND W4)

STEP 8: MERGE LONG ALLOSTATIC LOAD DATASET WAVE 3 WITH W3 LONG DIETARY/FCOST DATA + demographics

STEP 9: MERGE DEMO FILE WITH LONG ALLOSTATIC LOAD WAVE 4

STEP 10: APPEND FILES FROM STEPS 8 AND 9

STEP 11: APPEND WAVE 1 DIET/FC LONG + DEMO on STEP 10 FILE

STEP 12: MERGE FILE IN STEP 11 with Covariates+Age dataset, Wide diet+FC files and Wide Allostatic load files
STEP 13: Re-merge with Covariates file

***********MAIN DATA MANAGEMENT***********

/////////////////////////////////SAMPLE SELECTIVITY/////////////////////////////////

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal, clear

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS//

capture drop sample1
gen sample1=1 if Agew1~=.
replace sample1=0 if sample1~=

    tab sample1
    tab sample1 if HNDwave==1
    tab sample1 if HNDwave==3
    tab sample1 if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + DIET+FC//

capture drop sample2
gen sample2=1 if DASH_score~=.
replace sample2=0 if sample2~=

    tab sample2
    tab sample2 if HNDwave==1
    tab sample2 if HNDwave==3
    tab sample2 if HNDwave==4

reg Agew1 i.sample2 if HNDwave==1
    tab sample2 sex if HNDwave==1, row col chi
    tab sample2 race if HNDwave==1, row col chi
    tab sample2 pir if HNDwave==1, row col chi
    tab sample2 edubr if HNDwave==1, row col chi

//SAMPLE WITH COMPLETE DIETARY DATA AT VISITS 1 AND 2//

capture drop sample2b
gen sample2b=.
replace sample2b=1 if DASH_scorew1~= & DASH_scorew3~.
replace sample2b=0 if sample2b==1

tab sample2b if HNDwave==1

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load//

capture drop sample3
gen sample3=1 if allostatic_prop~=.
replace sample3=0 if sample3==1

tab sample3
tab sample3 if HNDwave==1
tab sample3 if HNDwave==3
tab sample3 if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load at eithe wave or Diet at either wave//

capture drop sample4
gen sample4=1 if allostatic_propw3~=. | DASH_scorew1~=. | DASH_scorew3~=. | allostatic_propw4~=. replace sample4=0 if sample4==1

tab sample4
tab sample4 if HNDwave==1
tab sample4 if HNDwave==3
tab sample4 if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load at eithe wave and Diet at either wave//
capture drop sample4b
gen sample4b=1 if allostatic_propw3~=. & DASH_scorew1~=. | allostatic_propw3~=. & DASH_scorew3~=. | allostatic_propw4~=. & DASH_scorew1~=. | allostatic_propw4~=. & DASH_scorew3~=. replace sample4b=0 if sample4b==1

tab sample4b
tab sample4b if HNDwave==1
tab sample4b if HNDwave==3
tab sample4b if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load at wave 3 or 4 + Diet at wave at wave 1 & 3 //
capture drop sample5
gen sample5=1 if allostatic_propw3==. & DASH_scorew1==. & DASH_scorew3==. | allostatic_propw4==. & DASH_scorew1==. & DASH_scorew3==.
replace sample5=0 if sample5==1

tab sample5
tab sample5 if HNDwave==1
tab sample5 if HNDwave==3
tab sample5 if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load at wave 4 + Diet at wave at wave 1 & 3 //
capture drop sample6
gen sample6=1 if allostatic_propw4==. & DASH_scorew1==. & DASH_scorew3==.
replace sample6=0 if sample6==1

tab sample6
tab sample6 if HNDwave==1
tab sample6 if HNDwave==3
tab sample6 if HNDwave==4

//SAMPLE WITH COMPLETE DATA ON DEMOGRAPHICS + Allostatic load at waves 3 and 4 + Diet at wave at wave 1 & 3 + Covariates: Agew1 sex race pir edubr employed wrattbr smoke currdrugs bmi SRHbr //
capture drop sample7
gen sample7=1 if allostatic_propw3==. & allostatic_propw4==. & DASH_scorew1==. & DASH_scorew3==.
replace sample7=0 if sample7==1

tab sample7
tab sample7 if HNDwave==1
tab sample7 if HNDwave==3
tab sample7 if HNDwave==4

//FINAL SAMPLE for MIXED MODELS: complete on demographics, allostatic load at waves 3 or 4, diet at waves 1 and 3 + Covariates ///

**Covariates: edubr employed wrattbr smoke currdrugs bmi SRHbr**

**Mean energy intake, engery from grocery stores (w1 and w3): energystoresw1 energystoresw3 kcalw1 kcalw3**
capture drop kcal_w1w3mean
gen kcal_w1w3mean=(kcalw1+kcalw3)/2
su kcal_w1w3mean
capture drop energystoresw1w3mean
gen energystoresw1w3mean=energystoresw1+energystoresw3)/2
su energystoresw1w3mean

capture drop sample_cov
gen sample_cov=. 
replace sample_cov=1 if edubr= & employed= & wratbr= & smoke= & currdrugs= & bmi= & SRHbr= 
replace sample_cov=0 if sample_cov=1 
tab sample_cov

capture drop sample8 
gen sample8=. 
replace sample8=1 if (allostatic_propw3= & DASH_scorew1= & DASH_scorew3= & HNDwave==3 & sample_cov==1 | allostatic_propw3= & DASH_scorew1= & DASH_scorew3= & HNDwave==4 & sample_cov==1) | (allostatic_propw4= & DASH_scorew1= & DASH_scorew3= & HNDwave==3 & sample_cov==1 | allostatic_propw4= & DASH_scorew1= & DASH_scorew3= & HNDwave==4 & sample_cov==1 ) 
replace sample8=0 if sample8=1 & HNDwave==3 | sample8=1 & HNDwave==4 
tab sample8 
tab sample8 if HNDwave==1 
tab sample8 if HNDwave==3 
tab sample8 if HNDwave==4 

reg Agew1 i.sample8 if HNDwave==3 
tab sample8 sex if HNDwave==3, row col chi 
tab sample8 race if HNDwave==3, row col chi 
tab sample8 pir if HNDwave==3, row col chi 
tab sample8 edubr if HNDwave==3, row col chi 

//FINAL SAMPLE for SEM MODELS: complete on demographics, allostatic load at wave 4, diet at waves 1 and 3 + Covariates
///
capture drop sample9 
gen sample9=. 
replace sample9=1 if allostatic_propw4= & DASH_scorew1= & DASH_scorew3= & HNDwave==4 & sample_cov==1 
replace sample9=0 if sample9=1 & HNDwave==4 
tab sample9 
tab sample9 if HNDwave==1 
tab sample9 if HNDwave==3
tab sample9 if HNDwave==4

reg Agew1 i.sample9 if HNDwave==4
tab sample9 sex if HNDwave==4, row col chi
tab sample9 race if HNDwave==4, row col chi
tab sample9 pir if HNDwave==4, row col chi
tab sample9 edubr if HNDwave==4, row col chi

save, replace

///GENERATE THE TWO INVERSE MILLS RATIOS///
cd "G:\...\DATA"

use HANDLS_Allostaticload_dietcfinal, clear

**MIXED MODELS**
xi:probit sample8 Agew1 i.race pir sex if HNDwave==3 | HNDwave==4

capture drop p1mixed
predict p1mixed, xb

capture drop phimixed
capture drop caphimixed
capture drop invmillsmixed

gen phimixed=(1/sqrt(2*_pi))*exp(-(p1mixed^2/2))
gen caphimixed=std(p1mixed)
capture drop invmillsmixed
gen invmillsmixed=phimixed/caphimixed

**SEM MODELS**
xi:probit sample9 Agew1 i.race pir sex

capture drop p1sem
predict p1sem, xb

capture drop phisem
capture drop caphisem
capture drop invmillssem
gen phisem=(1/sqrt(2*_pi))*exp(-p1sem^2/2)

egen caphisem=std(p1sem)
capture drop invmillssem
gen invmillssem=phisem/caphisem

save, replace

//////CREATE A PARTICIPANT FLOWCHART////

**Initial sample --> Sample with dietary data at wave 1 --> Sample with dietary data at wave 3 --> Sample with allostastic load at waves 3 or 4 --> Sample with both dietary data and allostastic load data at wave 3 or 4 -->
**--> Sample with both dietary data and allostastic load data at wave 3 or 4 + Covariates (Mixed models) --> Sample with both dietary data and allostastic load data at wave 4 + Covariates (SEM)

///Create TIME variable////
capture drop timew3w4
gen timew3w4=. replace timew3w4=(Agew4-Agew3) if HNDwave==4 replace timew3w4=0 if HNDwave==3

su timew3w4 if HNDwave==4
su timew3w4 if HNDwave==3

su timew3w4 if sample8==1
su timew3w4 if sample8==1 & HNDwave==3
su timew3w4 if sample8==1 & HNDwave==4

su timew3w4 if sample9==1

save, replace

/////////////////////MIXED MODELS: Means of DASH diet and MVD vs. baseline and change in Allostatic load////////////////////
cd "G:\...\DATA"
use HANDLS_Allostaticload_dietfcfinal, clear
**Main exposures and centering of continuous predictors**
capture drop food_price_USAfinW1W3mean
gen food_price_BALTfinW1W3mean=(food_price_BALTfinWave1+food_price_BALTfinWave1)/2
su food_price_BALTfinW1W3mean if sample8==1
su food_price_BALTfinW1W3mean if sample9==1
capture drop food_price_BALTfinW1W3mean_C
gen food_price_BALTfinW1W3mean_C=food_price_BALTfinW1W3mean-6.3

capture drop food_price_USAfinW1W3meantert
xtile food_price_BALTfinW1W3meantert=food_price_BALTfinW1W3mean if sample8==1, nq(3)
capture drop DASH_scorew1w3mean
gen DASH_scorew1w3mean=(DASH_scorew1+DASH_scorew3)/2
su DASH_scorew1w3mean if sample8==1
su DASH_scorew1w3mean if sample9==1
capture drop DASH_scorew1w3mean_C
gen DASH_scorew1w3mean_C=DASH_scorew1w3mean-1.74

capture drop kcalw1w3mean
gen kcalw1w3mean=(kcalw1+kcalw3)/2
su kcalw1w3mean if sample8==1
su kcalw1w3mean if sample9==1
capture drop kcalw1w3mean_C
gen kcalw1w3mean_C=kcalw1w3mean-2030

su energystoresw1w3mean if sample8==1
su energystoresw1w3mean if sample9==1

capture drop energystoresw1w3mean_C
gen energystoresw1w3mean_C=energystoresw1w3mean-1550

save, replace
su bmi if sample8==1
su bmi if sample9==1

capture drop bmi_C
gen bmi_C=bmi-30

su Agew1 if sample8==1
su Agew1 if sample9==1

capture drop Agew1_C
gen Agew1_C=Agew1-48

su Agew3 if sample8==1
su Agew3 if sample9==1

capture drop Agew3_C
gen Agew3_C=Agew3-53

save, replace

///////////////////////////////////////////////////TABLE 1/////////////////////////////////////////////////

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietcfinal, clear

capture drop finalsample
gen finalsample=.
replace finalsample=sample9

capture drop allostatic_propdelta
gen allostatic_propdelta=(allostatic_propw4-allostatic_propw3)/(Agew4-Agew3)
su allostatic_propdelta

capture drop allostatic_propmean
gen allostatic_propmean=(allostatic_propw4+allostatic_propw3)/2

su allostatic_propmean

save, replace

"Overall"

mean Agew1 if finalsample==1
mean Agew3 if finalsample==1
mean Agew4 if finalsample==1
tab sex if finalsample==1
tab race if finalsample==1
tab pir if finalsample==1
tab edubr if finalsample==1
tab employed if finalsample==1
tab wrattbr if finalsample==1
tab smoke if finalsample==1
tab currdrugs if finalsample==1
mean bmi if finalsample==1
mean SRHbr if finalsample==1
mean food_price_BALTfinWave1 if finalsample==1
mean food_price_BALTfinWave3 if finalsample==1
mean food_price_BALTfinW1W3mean if finalsample==1
mean kcalw1 if finalsample==1
mean kcalw3 if finalsample==1
mean kcalw1w3mean if finalsample==1
mean energystoresw1 if finalsample==1
mean energystoresw3 if finalsample==1
mean energystoresw1w3mean if finalsample==1

mean DASH_scorew1 if finalsample==1
mean DASH_scorew3 if finalsample==1
mean DASH_scorew1w3mean if finalsample==1

mean allostatic_propw3 if finalsample==1
mean allostatic_propw4 if finalsample==1
mean allostatic_propdelta if finalsample==1
mean allostatic_propmean if finalsample==1
//MEAN FOOD COST TERTILES//

su food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==1
su food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==2
su food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==3

**Lowest mean in FC/Baltimore tertile:
mean Agew1 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean Agew3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean Agew4 if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab sex if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab race if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab pir if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab edubr if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab employed if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab wrattbr if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab smoke if finalsample==1 & food_price_BALTfinW1W3meantert==1
tab currdrugs if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean bmi if finalsample==1 & food_price_BALTfinW1W3meantert==1
prop SRHbr if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean food_price_BALTfinWave1 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean food_price_BALTfinWave3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean kcalw1 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean kcalw3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean kcalw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean energystoresw1 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean energystoresw3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean energystoresw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==1
** DASH_scorew1 DASH_scorew3 DASH_scorew1w3 allostatic_propw3 allostatic_propw4 allostatic_propdelta

mean DASH_scorew1 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean DASH_scorew3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean DASH_scorew1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==1

mean allostatic_propw3 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean allostatic_propw4 if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean allostatic_propdelta if finalsample==1 & food_price_BALTfinW1W3meantert==1
mean allostatic_propmean if finalsample==1 & food_price_BALTfinW1W3meantert==1
**Middle mean in FC/Baltimore tertile:

mean Agew1 if finalsample==1 & food_price_BALTfinW1W3meantert==2
mean Agew3 if finalsample==1 & food_price_BALTfinW1W3meantert==2
mean Agew4 if finalsample==1 & food_price_BALTfinW1W3meantert==2

**Upper mean in FC/Baltimore tertile:

mean Agew1 if finalsample==1 & food_price_BALTfinW1W3meantert==3
mean Agew3 if finalsample==1 & food_price_BALTfinW1W3meantert==3
mean Agew4 if finalsample==1 & food_price_BALTfinW1W3meantert==3
**Difference in characteristics by tertile of food cost/Baltimore**

oneway Agew1 food_price_BALTfinW1W3meantert if finalsamplen==1, bon
oneway Agew3 food_price_BALTfinW1W3meantert if finalsamplen==1, bon
oneway Agew4 food_price_BALTfinW1W3meantert if finalsamplen==1, bon
tab sex food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab race food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab pir food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab edubr food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab wrattbr food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab smoke food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab currdrugs food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
tab SRHbr food_price_BALTfinW1W3meantert if finalsamplen==1, row col chi
oneway bmi food_price_BALTfinW1W3meantert if finalsamplen==1, bon
oneway kcalw1 food_price_BALTfinW1W3meantert if finalsamplen==1 , bon
oneway kcalw3 food_price_BALTfinW1W3meantert if finalsamplen==1 , bon
oneway kcalw1w3mean food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway energystoresw1 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway energystoresw3 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway energystoresw1w3mean food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway food_price_BALTfinWave1 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway food_price_BALTfinW1W3mean food_price_BALTfinW1W3meantert if finalsampless==1, bon

save, replace

"**DASH_scorew1w3 DASH_scorew1 DASH_scorew3 allostatic_propw3 allostatic_propw4 allostatic_propdelta

oneway DASH_scorew1 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway DASH_scorew3 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsampless==1, bon

oneway allostatic_propw3 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway allostatic_propw4 food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway allostatic_propdelta food_price_BALTfinW1W3meantert if finalsampless==1, bon
oneway allostatic_propmean food_price_BALTfinW1W3meantert if finalsampless==1, bon


TABLE 2

 cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal, clear


CRUDE MODEL

**Compute means of DASH components**
/DASH_SatFatw1 DASH_Fatw1 DASH_proteinw1 DASH_cholesterolw1 DASH_fiberw1 DASH_Magnesiumw1
DASH_calciumw1 DASH_potassiumw1 DASH_Sodiumw1
/DASH_SatFatw3 DASH_Fatw3 Dash_protein_W3 DASH_cholesterolw3 DASH_fiberw3 DASH_Magnesiumw3
DASH_calciumw3 DASH_potassiumw3 DASH_Sodiumw3

capture drop DASH_SatFatw1w3mean
gen DASH_SatFatw1w3mean=(DASH_SatFatw1+DASH_SatFatw3)/2
capture drop DASH_Fatw1w3mean  
gen DASH_Fatw1w3mean=(DASH_Fatw1+DASH_Fatw3)/2

capture drop Dash_protein_W1W3mean  
gen Dash_protein_W1W3mean=(DASH_proteinw1+Dash_protein_W3)/2

capture drop DASH_cholesterolw1w3  
gen DASH_cholesterolw1w3=(DASH_cholesterolw1+DASH_cholesterolw3)/2

capture drop DASH_fiberw1w3  
gen DASH_fiberw1w3=(DASH_fiberw1+DASH_fiberw3)/2

capture drop DASH_Magnesiumw1w3mean  
gen DASH_Magnesiumw1w3mean=(DASH_Magnesiumw1+DASH_Magnesiumw3)/2

capture drop DASH_calciumw1w3mean  
gen DASH_calciumw1w3mean=(DASH_calciumw1+DASH_calciumw3)/2

capture drop DASH_potassiumw1w3mean  
gen DASH_potassiumw1w3mean=(DASH_potassiumw1+DASH_potassiumw3)/2

capture drop DASH_Sodiumw1w3mean  
gen DASH_Sodiumw1w3mean=(DASH_Sodiumw1+DASH_Sodiumw3)/2

save, replace

*******P-value comparing 2nd to 1st and 3rd to 1st *****

reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=1

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=1

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=1

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=1

reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & sex=0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & race=1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsamp=1 & pir=1

*******P-trend*****
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & sex==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & race==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

//////////////////P-trend heterogeneity by sex, race and pir//////////////////

reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_protein_W1W3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_protein_W1W3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_protein_W1W3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##pir if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##sex if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##race if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##pir if finalsample==1

////////////////////////////////////////////////////////////////MODEL ADJUSTED FOR ENERGY INTAKE (MEAN)////////////////////////////////////////////////////////////////

**Compute means of DASH components**
/DASH_SatFatw1 DASH_Fatw1 DASH_proteinw1 DASH_cholesterolw1 DASH_fiberw1 DASH_Magnesiumw1
DASH_calciumw1 DASH_potassiumw1 DASH_Sodiumw1
/DASH_SatFatw3 DASH_Fatw3 Dash_protein_W3 DASH_cholesterolw3 DASH_fiberw3 DASH_Magnesiumw3
DASH_calciumw3 DASH_potassiumw3 DASH_Sodiumw3

capture drop DASH_SatFatw1w3mean
gen DASH_SatFatw1w3mean=(DASH_SatFatw1+DASH_SatFatw3)/2

capture drop DASH_Fatw1w3mean
gen DASH_Fatw1w3mean=(DASH_Fatw1+DASH_Fatw3)/2

capture drop Dash_protein_W1W3mean
gen Dash_protein_W1W3mean=(DASH_proteinw1+Dash_protein_W3)/2
capture drop DASH_cholesterolw1w3
gen DASH_cholesterolw1w3=(DASH_cholesterolw1+DASH_cholesterolw3)/2

capture drop DASH_fiberw1w3
gen DASH_fiberw1w3=(DASH_fiberw1+DASH_fiberw3)/2

capture drop DASH_Magnesiumw1w3mean
gen DASH_Magnesiumw1w3mean=(DASH_Magnesiumw1+DASH_Magnesiumw3)/2

capture drop DASH_calciumw1w3mean
gen DASH_calciumw1w3mean=(DASH_calciumw1+DASH_calciumw3)/2

capture drop DASH_potassiumw1w3mean
gen DASH_potassiumw1w3mean=(DASH_potassiumw1+DASH_potassiumw3)/2

capture drop DASH_Sodiumw1w3mean
gen DASH_Sodiumw1w3mean=(DASH_Sodiumw1+DASH_Sodiumw3)/2

save, replace

*******P-value comparing 2nd to 1st and 3rd to 1st******

reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_scorew1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_SatFatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_Fatw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg Dash_protein_W1W3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_cholesterolw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

*******P-trend*****

reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==0
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & pir==1

reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & sex==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsample==1 & race==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsamp;e==1 & pir==0
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert kcalw1w3mean_C if finalsamp;e==1 & pir==1

///////////////P-trend heterogeneity by sex, race and pir///////////////

reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1

reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsamp;e==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsamp;e==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsamp;e==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_calciumw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_potassiumw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_Sodiumw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1
save, replace

//TOTAL SAMPLE://
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3meantert c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4
su DASH_scorew1w3mean_C if sample8==1
su DASH_scorew1w3mean if sample8==1
set matsize 400
margins, a(t(time=(0(1)5) DASH_scorew1w3mean_C=(-1(1)1))
marginsplot, noci legend(rows(2)) recast(line) scheme(s1mono)

//MEN//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed allostatic_prop c.timew3w4##c.food_price_BAL c.timew3w4##c.DASH_scorew1w3mean_C
  c.timew3w4##c.Agegew1_C c.timew3w4##c.Agegew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##educbr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdugs
c.timew3w4##c bmi_C c.timew3w4##5RHbr c.timew3w4##c kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmlmsixed if sample8==1 & pir==1 || HNDID: timew3w4
**Components of Allostatic load**
//albumin crp chol hdl hgba1c whr bpsys bpdia hr/

****Albumin***********

//TOTAL SAMPLE//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

****C-reactive protein*******

//TOTAL SAMPLE//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

***********Cholesterol***************

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratnbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES/
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA/
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY/
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY/
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

**********HDL-C**********

//TOTAL SAMPLE/
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN/
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4
//WOMEN//
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4
//WHITES//
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4
//AA//
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4
//BELOW POVERTY//
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4
//ABOVE POVERTY//
xtmixed hdl c.food_price_BALTfinW1W3mean_C c.DASH_scorew1w3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir c.edubr c.employed c.wrattbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

/GLYCATED HEMOGLOBIN/
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##w rattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//TOTAL SAMPLE/
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##emp c.timew3w4##w c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.inv混millsmixed if sample8==1 & race==1 || HNDID: timew3w4
//BELOW POVERTY//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

///////////////////////////SYSTOLIC BLOOD PRESSURE/////////////////////

//TOTAL SAMPLE//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & race==0  || HNDID: timew3w4

//AA/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & race==1  || HNDID: timew3w4

//BELOW POVERTY/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & pir==0  || HNDID: timew3w4

//ABOVE POVERTY/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & pir==1  || HNDID: timew3w4

//TOTAL SAMPLE/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wtratbr  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN/
xtmixed  bpsys  c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir
xtmixed bpdia c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed bpdia c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed bpdia c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed bpdia c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed bpdia c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//HEART RATE///
//TOTAL SAMPLE//
xtmixed hr c.food_price_BALTfinW1W3mean_C c.DASH_scoreW1W3mean_C c.Agew1_C c.Agew3_C c.sex c.race c.pir
c.edubr c.employed c.wratbr c.smoke c.currdrugs c.bmi_C c.SRHbr c.kcalw1w3mean_C c.energystoresw1w3mean_C
c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agegw1_C c.timew3w4#c.Agegw3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edu c.timew3w4#employed c.timew3w4#watt c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#c.SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

save, replace
FOOD COST ALONE: MODEL 2

//TOTAL SAMPLE//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Ageg3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
**Components of Allostatic load**

//albumin crp chol hdl hgba1c whr bpsys bpdia he/

****Albumin***********

//TOTAL SAMPLE//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//ABOVE POVERTY//

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

*****C-reactive protein******

//TOTAL SAMPLE//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pip==0 || HNDID: timew3w4

***********Cholesterol***********

//TOTAL SAMPLE//
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr

51
xtmixed chol c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

xBELOW POVERTY//
xtmixed chol c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

xCORE//
xtmixed chol c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

***************HDL-C***************

//TOTAL SAMPLE//
xtmixed hdl c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hdl c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hdl c.timew3w4##food_price_BALTfinW1W3mean_C c.timew3w4##Agew1_C c.timew3w4##Agew3_C
  c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##bmi_C c.timew3w4##SRHbr c.timew3w4##kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

///////////GLYCATED HEMOGLOBIN///////////

//TOTAL SAMPLE//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##employed c.timew3w4##wrrrbr
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

/////////////////WHR/////////////////
//TOTAL SAMPLE//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed whr c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed whr c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed whr c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed whr c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed whr c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//SYSTOLIC BLOOD PRESSURE//

//TOTAL SAMPLE//
xtmixed bpsys c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed bpsys c.timew3##c.food_price_BALTfinW1W3mean_C  c.timew3##c.Agew1_C  c.timew3##c.Agew3_C  c.timew3##sex  c.timew3##race  c.timew3##pir  c.timew3##edubr  c.timew3##employed  c.timew3##wtrattbr  c.timew3##smoke  c.timew3##currdrugs  c.timew3##c.bmi_C  c.timew3##c.kcalw1w3mean_C  c.timew3##c.energystoresw1w3mean_C  c.timew3##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

========================//DIASTOLIC BLOOD PRESSURE///////////////

//TOTAL SAMPLE//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtatbr
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4
//WOMEN//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//HEART RATE//

//TOTAL SAMPLE//
xtmixed hr c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr  
c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C  
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hr c.timew3w4##c.food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hr c.timew3w4##food_price_BALTfinW1W3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

save, replace

////////////////DASH DIET ALONE: MODEL 3///////////////////////////

//TOTAL SAMPLE//
xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4
xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

xtmixed allostatic_prop  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

**Components of Allostatic load**
//albumin crp chol hdl hgba1c whr bpsys bpdia he/

****Albumin**********
//TOTAL SAMPLE/
xtmixed albumin  c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr
xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & sex==1 || HNDID: time3w4

xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & sex==0 || HNDID: time3w4

xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & race==0 || HNDID: time3w4

xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & race==1 || HNDID: time3w4

xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & pir==0 || HNDID: time3w4

xtmixed albumin c.DASH_scorew1mean_C c.Agew1_C c.Agew3_C c.Agew3w4#sex c.Agew3w4#race c.Agew3w4#pir c.Agew3w4#edubr c.Agew3w4#employed c.Agew3w4#wrattbr c.Agew3w4#smoke c.Agew3w4#currdrugs c.Agew3w4#kcalw1mean_C c.Agew3w4#c.energystoresw1mean_C if sample8==1 & pir==1 || HNDID: time3w4

****C-reactive protein****

//TOTAL SAMPLE//
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & HNDID: timew3w4

//MEN://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 & HNDID: timew3w4

//WOMEN://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 & HNDID: timew3w4

//WHITES://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & race==0 & HNDID: timew3w4

//AA://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & race==1 & HNDID: timew3w4

//BELOW POVERTY://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 & HNDID: timew3w4

//ABOVE POVERTY://
xtmixed crp  c.timew3w4##c.DASH_scorew1w3mean_C  c.timew3w4##c.Agew1_C  c.timew3w4##c.Agew3_C  c.timew3w4##sex  c.timew3w4##race  c.timew3w4##pir  c.timew3w4##edubr  c.timew3w4##employed  c.timew3w4##wratb  c.timew3w4##smoke  c.timew3w4##currdrugs  c.timew3w4##c.bmi_C  c.timew3w4##SRHbr  c.timew3w4##c.kcalw1w3mean_C  c.timew3w4##c.energystoresw1w3mean_C  c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 & HNDID: timew3w4

***********Cholesterol**************
xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 HNDID: timew3w4

xtmixed chol c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 HNDID: timew3w4
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 | HNDID: timew3w4

//MEN/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 | HNDID: timew3w4

//WOMEN/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 | HNDID: timew3w4

//WHITES/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 | HNDID: timew3w4

//AA/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 | HNDID: timew3w4

//BELOW POVERTY/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 | HNDID: timew3w4

//ABOVE POVERTY/
xtmixed hdl c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrtattbr
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4
xtmixed hgba1c c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

xtmixed whr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrrattbr

//BELOW POVERTY//
xtmixed whr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//TOTAL SAMPLE//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//

xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edrubr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed bpsys c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

///////////////////////////////////DIASTOLIC BLOOD PRESSURE////////////////////////////////

//TOTAL SAMPLE//
xtmixed bpdia c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed bpdia c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed bpdia c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed bpdia c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed bpdia c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agegw1_C c.timew3w4##c.Agegw3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##fedubrc c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdugs c.timew3w4##c.bmi_C c.timew3w4##SRHB c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4
//BELOW POVERTY//
xtmixed bpdia c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed bpdia c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & pir==1 || HNDID: timew3w4

//////////////////////HEART RATE///////////////////////

//TOTAL SAMPLE//
xtmixed hr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 || HNDID: timew3w4

//MEN//
xtmixed hr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & sex==1 || HNDID: timew3w4

//WOMEN//
xtmixed hr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & sex==0 || HNDID: timew3w4

//WHITES//
xtmixed hr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr c.timew3w4#smoke c.timew3w4#currdrugs c.timew3w4#c.bmi_C c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4#c.energystoresw1w3mean_C c.timew3w4#c.invmillsmixed if sample8==1 & race==0 || HNDID: timew3w4

//AA//
xtmixed hr c.timew3w4#c.DASH_scorew1w3mean_C c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4#sex c.timew3w4#race c.timew3w4#pir c.timew3w4#edubr c.timew3w4#employed c.timew3w4#wrattbr
xtmixed hr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc
c.timew3w4##smoke c.timew3w4##currdrgsc c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc
c.timew3w4##smoke c.timew3w4##currdrgsc c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & race==1 || HNDID: timew3w4

//ABOVE POVERTY//
xtmixed hr c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C
c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc
c.timew3w4##smoke c.timew3w4##currdrgsc c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 & pir==0 || HNDID: timew3w4

save, replace

***TABLE 3, MODEL 1, INTERACTION WITH FOOD COST****

cd "G:\...\DATA"
use HANDLS_Allostaticload_dietfcfinal, clear

//ALLOSTATIC LOAD//
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc c.timew3w4##smoke c.timew3w4##currdrgsc
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc c.timew3w4##smoke c.timew3w4##currdrgsc
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratbrc c.timew3w4##smoke c.timew3w4##currdrgsc
xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3 mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//ALB//

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//CRP//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Ageg1w1_C c.timew3w4##c.Ageg3w1_C c.timew3w4##c.Ageg3w3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wratblbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

70
//Cholesterol//

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##pir c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke
c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C
c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//HDL-C//

xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##edubr c.timew3w4##employed c.timew3w4##wrattbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4
xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hgba1c c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir c.timew3w4##c.DASH_scorew1w3mean_C
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir
c.timew3w4##eduwr c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs
xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##employed c.timew3w4##wrat c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRH c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 HNDID: timew3w4

//SBP//

xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##employed c.timew3w4##wrat c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRH c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 HNDID: timew3w4

//DBP//

xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C##race c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu c.timew3w4##employed c.timew3w4##wrat c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRH c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 HNDID: timew3w4
**TABLE 3, MODEL 1, INTERACTION WITH DASH**

xtmixed hr c.timew3w4##c.food_price_BALTfinW1W3mean_C##sex c.timew3w4##c.DASH_scorew1w3mean_C c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4##sex c.timew3w4##race c.timew3w4##pir c.timew3w4##edu br c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 \| HNDID: timew3w4

//ALLOSTATIC LOAD//

xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edu br c.timew3w4##employed c.timew3w4##wrratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 \| HNDID: timew3w4
xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##pir
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//ALB//

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed albumin c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//CRP//

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4##employed c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr
xtmixed crp c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##pir
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 if sample8==1 || HNDID: timew3w4

//Cholesterol//

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4 if sample8==1 || HNDID: timew3w4

xtmixed chol c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4 if sample8==1 || HNDID: timew3w4

//HDL-C//

xtmixed hdl c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4 if sample8==1 || HNDID: timew3w4
xtmixed hdl c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#race
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
c.timew3w4#SRHbr c.timew3w4#c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hdl c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#pir
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//HBGA1C//

xtmixed hgba1c c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#sex
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hgba1c c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#race
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

xtmixed hgba1c c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#pir
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invmillsmixed if sample8==1 || HNDID: timew3w4

//WHR//

xtmixed whr c.timew3w4#c.food_price_BALTfinW1W3mean_C c.timew3w4#c.DASH_scorew1w3mean_C#sex
c.timew3w4#c.Agew1_C c.timew3w4#c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4##edubr
c.timew3w4#employed c.timew3w4#wattbr c.timew3w4#smoke c.timew3w4##currdrugs c.timew3w4#c.bmi_C
xtmixed whr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4#edu
ctimew3w4##employed c.timew3w4##wrattbr c.timew3w4##fsmoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invnmillsmixed if sample8==1 || HNDID: timew3w4

//SBP//

xtmixed bpsys c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4#edu
ctimew3w4##employed c.timew3w4##wrattbr c.timew3w4##fsmoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invnmillsmixed if sample8==1 || HNDID: timew3w4

//DBP//

xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4#edu
ctimew3w4##employed c.timew3w4##wrattbr c.timew3w4##fsmoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C
c.timew3w4##SRHbr c.timew3w4##c.kalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C
c.timew3w4##c.invnmillsmixed if sample8==1 || HNDID: timew3w4
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4
xtmixed hr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##race
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4
xtmixed bpdia c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4
xtmixed hr c.timew3w4##c.food_price_BALTfinW1W3mean_C c.timew3w4##c.DASH_scorew1w3mean_C##sex
c.timew3w4##c.Agew1_C c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4 c.timew3w4

***TABLE 3, MODEL 2, INTERACTION WITH FOOD COST***

cd "G:\...\DATA"

use HANDLS_Alostaticload_dietfcfinal, clear
xtmixed allostatic_prop c.timew3w4##c.DASH_scorew1w3mean_C##pir c.timew3w4##c.Agew1_C
 c.timew3w4##c.Agew3_C c.timew3w4 c.timew3w4 c.timew3w4##edubr c.timew3w4##employed
 c.timew3w4##wratbr c.timew3w4##smoke c.timew3w4##currdrugs c.timew3w4##c.bmi_C c.timew3w4##SRHbr
 c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed if sample8==1 ||
HNDID: timew3w4

******************************Preliminary analyses for SEM********************************************

reg allostatic_propmean DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 sex Agew1 race pir if
finalsample==1

reg allostatic_propmean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1

reg DASH_scorew1w3mean food_price_BALTfinWave1 sex Agew1 race pir if finalsample==1

foreach var of varlist DASH_SatFatw3 DASH_Fatw3 Dash_protein_W3 DASH_cholesterolw3 DASH_fiberw3
 DASH_Magnesiumw3 DASH_calciumw3 DASH_potassiumw3 DASH_Sodiumw3 |
    reg `var' food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0
    }

foreach var of varlist DASH_SatFatw3 DASH_Fatw3 Dash_protein_W3 DASH_cholesterolw3 DASH_fiberw3
 DASH_Magnesiumw3 DASH_calciumw3 DASH_potassiumw3 DASH_Sodiumw3 |
    reg `var' food_price_BALTfinWave3 sex Agew1 race pir if finalsample==1 & sex==0
    }

foreach var of varlist albuminw4 crpw4 cholw4 hdlw4 hbgalcw4 whrw4 bpsysw4 bpdiaiw4 hrw4 |
    reg `var' food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0
    }

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foreach var of varlist albuminw4 crpw4 cholw4 hd1w4 hgba1cw4 whrw4 bpsysw4 bpdiaw4 hrw4 {
  reg `var' DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==0
}

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==1
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & race==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & race==0

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & race==1
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & race==1

**sex and race**

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==0

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==1
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0 & race==1

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1
reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==0

reg allostatic_propw4 DASH_scorew1w3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==1 & race==1

save, replace

// TABLE 4: paramed MODELS

\cd "G:\...\DATA"
\use HANDLS_Allostaticload_dietfcfinal, clear
\foreach var of varlist DASH_SatFatw1w3mean DASH_Fatw1w3mean Dash_protein_W1W3mean DASH_cholesterolw1w3
DASH_fiberw1w3 DASH_Magnesiumw1w3mean DASH_calciumw1w3mean DASH_potassiumw1w3mean
DASH_Sodiumw1w3mean {
\egen z'var' = std('var') if finalsample==1
}
\keep if finalsample==1
\save HANDLS_Allostaticload_dietfcfinal_PARAMED, replace
\capture drop zfood_price_BALTfinW1W3mean
\egen zfood_price_BALTfinW1W3mean = std(food_price_BALTfinW1W3mean)
\capture drop zDASH_scorew1w3mean
\egen zDASH_scorew1w3mean = std(DASH_scorew1w3mean)
\capture drop FCOSTEXP
\gen FCOSTEXP = zfood_price_BALTfinW1W3mean
\capture drop DASHDIETEXP
\gen DASHDIETEXP = zDASH_scorew1w3mean
\capture drop ALLOSTATICLOADW4
\egen ALW4 = std(allostatic_propw4)

save, replace
///\\///DUMMY VARIABLES///

**edubr: edubr2 edubr3 edubr9**
capture drop edubr2
gen edubr2=1 if edubr==2
replace edubr2=0 if edubr2==1 & edubr==.
capture drop edubr3
gen edubr3=1 if edubr==3
replace edubr3=0 if edubr3==1 & edubr==.
capture drop edubr9
gen edubr9=1 if edubr==3
replace edubr9=0 if edubr9==1 & edubr==.

**employed: employed1 employed9**
capture drop employed1
gen employed1=1 if employed==1
replace employed1=0 if employed1==1 & employed==.
capture drop employed9
gen employed9=1 if employed==1
replace employed9=0 if employed9==1 & employed==.

**wrattbr: wrattbr2 wrattbr3 wrattbr4**
capture drop wrattbr2
gen wrattbr2=1 if wrattbr==2
replace wrattbr2=0 if wrattbr2==1 & wrattbr==.
capture drop wrattbr3
gen wrattbr3=1 if wrattbr==3
replace wrattbr3=0 if wrattbr3==1 & wrattbr==.
capture drop wrattbr4
gen wrattbr4=1 if wrattbr==4
replace wrattbr4=0 if wrattbr4==1 & wrattbr==.

**smoke: smoke1 smoke9**
capture drop smoke1
gen smoke1=1 if smoke==1
replace smoke1=0 if smoke1==1 & smoke==.
capture drop smoke9
gen smoke9=1 if smoke==9
replace smoke9=0 if smoke9==1 & smoke==.

**currdrugs: currdrugs1 currdrugs9**
capture drop currdrugs1
gen currdrugs1=1 if currdrugs==1
replace currdrugs1=0 if currdrugs1==1 & currdrugs==
capture drop currdrugs9
gen currdrugs9=1 if currdrugs==9
replace currdrugs9=0 if currdrugs9==1 & currdrugs==

**SRHbr: SRHbr2 SRHbr3**
capture drop SRHbr2
gen SRHbr2=1 if SRHbr==2
replace SRHbr2=0 if SRHbr2==1 & SRHbr==
capture drop SRHbr3
gen SRHbr3=1 if SRHbr==3
replace SRHbr3=0 if SRHbr3==1 & SRHbr==
save, replace
//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
	paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace
	paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace
	paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace
	paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace
paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY/
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY/
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

save, replace

//ALL SAMPLE//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) \ yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) \ yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) \ yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) \ yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) \ yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietcfinal PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_SatFatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer
save, replace

///////////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; FAT///////////////////////////////////////////////////////////////////////////

//ALL SAMPLE/

use HANDLS_Allostaticload_dietcfinal PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN/

use HANDLS_Allostaticload_dietcfinal PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN/

use HANDLS_Allostaticload_dietcfinal PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES/

use HANDLS_Allostaticload_dietcfinal PARAMED, clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Fatw1w3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

//ALLOSTATIC LOAD, WAVE 4; PROTEIN//

//ALL SAMPLE//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

capture drop FCOSTEXP_X_ * _zDash_protein_W1W3mean_*

paramed ALW4, avar(FCOSTEXP) mvar(_zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr4 wratbr5 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(_zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr4 wratbr5 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(_zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr4 wratbr5 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(_zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr4 wratbr5 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDash_protein_W1W3mean) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

//////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; CHOLESTEROL/////////////////////////////////////

//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDash_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

/MEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_cholesterolw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

///////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; FIBER///////////////////////////////////////////////////////////////////////

//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrb3 wratrb4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a(0) a(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietcffinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcffinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrb3 wratrb4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a(0) a(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Allostaticload_dietcffinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietcffinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrb3 wratrb4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a(0) a(1) m(0) nointer

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietcffinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietcffinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_fiberw1w3) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrb3 wratrb4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a(0) a(1) m(0) nointer

save, replace

//ALL SAMPLE//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer
//BELOW POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Magnesiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

/////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; calcium//////////////////////////////////////

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Alostaticload_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Alostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Alostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Alostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Alostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Alostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Alostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Alostaticload_dietfcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_calciumw1w3 ) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//
use HANDLS_Alostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Alostaticload_dietfcfinal_PARAMEDAP, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wraatbr2 wraatbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

//////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; Potassium///////////////////////////////////////////////////////////////////////

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wraatbr2 wraatbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

keep if sex==1

save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wraatbr2 wraatbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

keep if sex==0

save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wraatbr2 wraatbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

keep if race==0

save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wraatbr2 wraatbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer
//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthb2 wratthb3 wratthb4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthb2 wratthb3 wratthb4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_potassiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthb2 wratthb3 wratthb4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

/////////////////////////////////////////////////////////////////////////ALLOSTATIC LOAD, WAVE 4; SODIUM//////////////////////////////////////////////////////////////////////////

//MEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthb2 wratthb3 wratthb4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ALL SAMPLE//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthb2 wratthb3 wratthb4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//MEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WOMEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace
paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed ALW4, avar(FCOSTEXP) mvar(zDASH_Sodiumw1w3 ) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0) nointer

save, replace

////////////////COMPONENTS OF AL wave 4/////////////////////

cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop zalbuminw4
egen zalbuminw4=std(albuminw4)

capture drop zcrpw4
egen zcrpw4=std(crpw4)

capture drop zchoiw4
egen zchoiw4=std(cholw4)

capture drop zhdlw4
egen zhdlw4=std(hdlw4)

capture drop zhgba1cw4
egen zhgba1cw4=std(hgba1cw4)

capture drop zwhrw4
egen zwhrw4=std(whrw4)

capture drop zbpsysw4
egen zbpsysw4=std(bpsysw4)
capture drop zbpdiaw4
gen zbpdiaw4=std(bpdiaw4)
capture drop zhrw4
gen zhrw4=std(hrw4)
save, replace

**albuminw4 crpw4 cholw4 hdlw4 hgba1cw4 whrw4 bpsysw4 bpdiaw4 hrw4

//////////////////////////////////////////////////////////////////////STANDARDIZED ALBUMIN, WAVE 4//////////////////////////////////////////////////////////////////////

cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\MayBaydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

capture drop ALBUMINW4
gen ALBUMINW4=zalbuminw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace
paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed ALBUMINW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)
save, replace

//////////////////////////////////////////////////////////////////////STANDARDIZED CRP, WAVE 4//////////////////////////////////////
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
capture drop CRPW4
gen CRPW4=zcrpw4
save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop CRPW4
gen CRPW4=zcrpw4
save

//MEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace
paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3
calw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN/
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3
calw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES/
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3
calw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans/
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace

paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3
calw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY/
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3
calw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)
//ABOVE POVERTY//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAP, replace

paramed CRPW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrtbr2 wratrtbr3 wratrtbr4 smoke1 smoke9 cururdrugs1 cururdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace

///////////////////////////////////////////////////////////////////////STANDARDIZED CHOLESTEROL, WAVE 4///////////////////////////////////////////////////////////////////////

cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

capture drop CHOLW4

gen CHOLW4=zcholw4

save, replace

//ALL SAMPLE//: //MEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrtbr2 wratrtbr3 wratrtbr4 smoke1 smoke9 cururdrugs1 cururdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratrtbr2 wratrtbr3 wratrtbr4 smoke1 smoke9 cururdrugs1 cururdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)
//WOMEN//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAP, replace
paramed CHOLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace

///////////////////////////////////////////////////////////////////////////STANDARDIZED HDL-C, WAVE 4///////////////////////////////////////////////////////////////////////////

cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTMBER2014\May\Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop HDLW4

gen HDLW4=zhdlw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

keep if sex==1

save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdugs1 currdugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES/
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdugs1 currdugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans/
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdugs1 currdugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY/
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdugs1 currdugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY/
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed HDLW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdugs1 currdugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)
save, replace

cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTMBER2014\MayBaydoun_folder\HANDLS_paper30_fodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

capture drop HGBA1C

gen HGBA1C=zhgba1cw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthr2 wratthr3 wratthr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN/

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

keep if sex==1

save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C_Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthr2 wratthr3 wratthr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN/

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

keep if sex==0

save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace
paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed HGBA1C, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlng\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop WHRW4
gen WHRW4=zwhrw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace
paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed WHRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop BPSYSW4
gen BPSYSW4=zbpsysw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDMEN, replace

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//
use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWOMEN, replace
paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, replace

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed BPSYSW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wrattbr2 wrattbr3 wrattbr4 smoke1 smoke9 currdrgs1 currdrgs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

capture drop BPDIAW4
gen BPDIAW4=zbpdiaw4
save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthbr2 wratthbr3 wratthbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDMEN, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthbr2 wratthbr3 wratthbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//

use HANDLS_Allostaticload_dietcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratthbr2 wratthbr3 wratthbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem)  yreg(linear) mreg(linear) a0(0) a1(1) m(0)
//WHITES//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDWHITES, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3
kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAA, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3
kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietcfinal_PARAMEDBP, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3
kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietcfinal_PARAMEDAP, replace

paramed BPDIAW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9
employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3
kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace

//HEART RATE WAVE 4: //HEART RATE WAVE 4:
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\MayBaydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Alostaticload_dietcfinal_PARAMED, clear

capture drop HRW4
gen HRW4=zhrw4

save, replace

//ALL SAMPLE//

use HANDLS_Alostaticload_dietcfinal_PARAMED, clear

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbtr2 wratbtr3 wratbtr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//MEN//

use HANDLS_Alostaticload_dietcfinal_PARAMED, clear
keep if sex==1
save HANDLS_Alostaticload_dietcfinal_PARAMEDMEN, replace

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbtr2 wratbtr3 wratbtr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WOMEN//

use HANDLS_Alostaticload_dietcfinal_PARAMED, clear
keep if sex==0
save HANDLS_Alostaticload_dietcfinal_PARAMEDWOMEN, replace

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbtr2 wratbtr3 wratbtr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//WHITES//

use HANDLS_Alostaticload_dietcfinal_PARAMED, clear
keep if race==0
save HANDLS_Alostaticload_dietcfinal_PARAMEDWHITES, replace
paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, replace

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//BELOW POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, replace

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

//ABOVE POVERTY//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, replace

paramed HRW4, avar(FCOSTEXP) mvar(DASHDIETEXP) cvars(Agew1_C Agew3_C sex race pir edubr2 edubr3 edubr9 employed1 employed9 wratbr2 wratbr3 wratbr4 smoke1 smoke9 curdrugs1 curdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace

%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%/TABLE 5: STRUCTURAL EQUATIONS MODELS%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
use HANDLS_Allostaticload_dietcffinal_PARAMED, clear

****************************************************ALLOSTATIC LOAD WAVE 4**************************************************************************

//MULTI-GROUP//

**All**
sem (FCOSTEXP -> ALW4, (DASHDIETEXP -> ALW4, (Agew1_C --> ALW4, (Agew3_C --> ALW4, (sex --> ALW4, (race --> ALW4, (pir --> ALW4, (edubr2 --> ALW4, (edubr3 --> ALW4, (employed1 --> ALW4, (warrthbr2 --> ALW4, (warrthbr3 --> ALW4, (smoke1 --> ALW4, (smoke9 --> ALW4, (currdrugs1 --> ALW4, (currdrugs9 --> ALW4, (bmi_C --> ALW4, (SRHbr2 --> ALW4, (SRHbr3 --> ALW4, (kcalw1w3mean_C --> ALW4, (energystoresw1w3mean_C --> ALW4, (invmillssem --> ALW4, ) (FCOSTEXP -> DASHDIETEXP, (Agew1_C --> DASHDIETEXP, (Agew3_C --> DASHDIETEXP, (sex --> DASHDIETEXP, (race --> DASHDIETEXP, (pir --> DASHDIETEXP, (edubr2 --> DASHDIETEXP, (edubr3 --> DASHDIETEXP, (employed1 --> DASHDIETEXP, (warrthbr2 --> DASHDIETEXP, (warrthbr3 --> DASHDIETEXP, (smoke1 --> DASHDIETEXP, (smoke9 --> DASHDIETEXP, (currdrugs1 --> DASHDIETEXP, (currdrugs9 --> DASHDIETEXP, (bmi_C --> DASHDIETEXP, (kcalw1w3mean_C --> DASHDIETEXP, (energystoresw1w3mean_C --> DASHDIETEXP, (invmillssem --> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)

estat ginvariant
estat gof, stats(all)
estat teffects

**By sex**
sem (FCOSTEXP --> ALW4, (DASHDIETEXP --> ALW4, (Agew1_C --> ALW4, (Agew3_C --> ALW4, (race --> ALW4, (pir --> ALW4, (edubr2 --> ALW4, (edubr3 --> ALW4, (employed1 --> ALW4, (warrthbr2 --> ALW4, (warrthbr3 --> ALW4, (warrthbr4 --> ALW4, (smoke1 --> ALW4, (smoke9 --> ALW4, (currdrugs1 --> ALW4, (currdrugs9 --> ALW4, (bmi_C --> ALW4, (SRHbr2 --> ALW4, (SRHbr3 --> ALW4, (kcalw1w3mean_C --> ALW4, (energystoresw1w3mean_C --> ALW4, (invmillssem --> ALW4, ) \///

(estat ginvariant

**By race**

sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C -> ALW4, ) (Agew3_C -> ALW4, ) (sex -> ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wratthbr2 -> ALW4, ) (wratthbr3 -> ALW4, ) (wratthbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp==1 , nocapslatent method(ml) group(race)
estat ginvariant

**By pir**

sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C -> ALW4, ) (Agew3_C -> ALW4, ) (sex -> ALW4, ) (race -> ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wratthbr2 -> ALW4, ) (wratthbr3 -> ALW4, ) (wratthbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp==1 , nocapslatent method(ml) group(pir)
estat ginvariant

**********************STRATIFIED ANALYSIS*********************************

//MEN//

sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C -> ALW4, ) (Agew3_C -> ALW4, ) (race -> ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wratthbr2 -> ALW4, ) (wratthbr3 -> ALW4, ) (wratthbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> ALW4, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillissem -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent
method(ml)

estat gof, stats(all)
estat tffects

//WOMEN//
sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C> ALW4, ) (Agew3_C> ALW4, ) (race > ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wratthbr2 -> ALW4, ) (wratthbr3 -> ALW4, ) (wratthbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillissem -> ALW4, ) if finalsample==1 & sex==0 , nocapslatent
method(ml)

estat gof, stats(all)
estat tffects

//WHITES//
sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C> ALW4, ) (Agew3_C> ALW4, ) (sex > ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wratthbr2 -> ALW4, ) (wratthbr3 -> ALW4, ) (wratthbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillissem -> ALW4, ) if finalsample==1 & race==0 , nocapslatent
method(ml)

estat gof, stats(all)
estat tffects
//African-Americans//
sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C-> ALW4, ) (Agew3_C -> ALW4, ) (sex -> ALW4, ) (pir -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wrattbr2 -> ALW4, ) (wrattbr3 -> ALW4, ) (wrattbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==1 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C-> ALW4, ) (Agew3_C -> ALW4, ) (sex -> ALW4, ) (race -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wrattbr2 -> ALW4, ) (wrattbr3 -> ALW4, ) (wrattbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==0 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//ABOVE POVERTY//
sem (FCOSTEXP -> ALW4, ) (DASHDIETEXP -> ALW4, ) (Agew1_C-> ALW4, ) (Agew3_C -> ALW4, ) (sex -> ALW4, ) (race -> ALW4, ) (edubr2 -> ALW4, ) (edubr3 -> ALW4, ) (employed1 -> ALW4, ) (wrattbr2 -> ALW4, ) (wrattbr3 -> ALW4, ) (wrattbr4 -> ALW4, ) (smoke1 -> ALW4, ) (smoke9 -> ALW4, ) (currdrugs1 -> ALW4, ) (currdrugs9 -> ALW4, ) (bmi_C -> ALW4, ) (SRHbr2 -> ALW4, ) (SRHbr3 -> ALW4, ) (kcalw1w3mean_C -> ALW4, ) (energystoresw1w3mean_C -> ALW4, ) (invmillssem -> ALW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wratbbr2 → DASHDIETEXP, ) (wratbbr3 → DASHDIETEXP, ) (wratbbr4 → DASHDIETEXP, )(smoke1 → DASHDIETEXP, )
(smoke9 → DASHDIETEXP, )(currdrugs1 → DASHDIETEXP, ) (currdrugs9 → DASHDIETEXP, ) (bmi_C → DASHDIETEXP, )
(SRHbr2 → DASHDIETEXP, ) (SRHbr3 → DASHDIETEXP, )(kcalw1w3mean_C → DASHDIETEXP, )
(energystoresw1w3mean_C → DASHDIETEXP, ) (invmillssem → DASHDIETEXP, ) if finalsample==1 & pir==1 , nocapslatent
method(ml)
estat gof, stats(all)
estat tffects

******************************************************************************ALBUMIN WAVE 4******************************************************************************

//MULTI-GROUP//

**All**

sem (FCOSTEXP → ALBUMINW4, ) (DASHDIETEXP → ALBUMINW4, ) (Agew1_C→ ALBUMINW4, ) (Agew3_C → ALBUMINW4, )
(sex → ALBUMINW4, ) (race → ALBUMINW4, ) (pir → ALBUMINW4, ) (edubr2 → ALBUMINW4, ) (edubr3 → ALBUMINW4, )
(employed1 → ALBUMINW4, ) (wratbbr2 → ALBUMINW4, ) (wratbbr3 → ALBUMINW4, ) (wratbbr4 → ALBUMINW4, )
(smoke1 → ALBUMINW4, ) (smoke9 → ALBUMINW4, ) (currdrugs1 → ALBUMINW4, ) (currdrugs9 → ALBUMINW4, )
(bmi_C → ALBUMINW4, ) (SRHbr2 → ALBUMINW4, ) (SRHbr3 → ALBUMINW4, )(kcalw1w3mean_C → ALBUMINW4, )
(energystoresw1w3mean_C → ALBUMINW4, ) (invmillssem → ALBUMINW4, ) ///
(FCOSTEXP → DASHDIETEXP, )(Agew1_C→ DASHDIETEXP, ) (Agew3_C → DASHDIETEXP, ) (sex → DASHDIETEXP, )
(race → DASHDIETEXP, ) (pir → DASHDIETEXP, ) (edubr2 → DASHDIETEXP, ) (edubr3 → DASHDIETEXP, ) (employed1 → DASHDIETEXP, )
(wratbbr2 → DASHDIETEXP, ) (wratbbr3 → DASHDIETEXP, ) (wratbbr4 → DASHDIETEXP, ) (smoke1 → DASHDIETEXP, )
(smoke9 → DASHDIETEXP, )(currdrugs1 → DASHDIETEXP, ) (currdrugs9 → DASHDIETEXP, ) (bmi_C → DASHDIETEXP, )
(SRHbr2 → DASHDIETEXP, ) (SRHbr3 → DASHDIETEXP, )(kcalw1w3mean_C → DASHDIETEXP, ) (energystoresw1w3mean_C → DASHDIETEXP, )
(invmillssem → DASHDIETEXP, ) , nocapslatent method(ml)
group(finalsample)
estat ginvariant

estat gof, stats(all)
estat tffects

**By sex**

sem (FCOSTEXP → ALBUMINW4, ) (DASHDIETEXP → ALBUMINW4, ) (Agew1_C→ ALBUMINW4, ) (Agew3_C → ALBUMINW4, )
(race → ALBUMINW4, ) (pir → ALBUMINW4, ) (edubr2 → ALBUMINW4, ) (edubr3 → ALBUMINW4, ) (employed1 → ALBUMINW4, )
(wratbbr2 → ALBUMINW4, ) (wratbbr3 → ALBUMINW4, ) (wratbbr4 → ALBUMINW4, ) (smoke1 → ALBUMINW4, )
(smoke9 → ALBUMINW4, ) (currdrugs1 → ALBUMINW4, ) (currdrugs9 → ALBUMINW4, ) (bmi_C → ALBUMINW4, )
(SRHbr2 → ALBUMINW4, ) (SRHbr3 → ALBUMINW4, )(kcalw1w3mean_C → ALBUMINW4, ) (energystoresw1w3mean_C → ALBUMINW4, )
(invmillssem → ALBUMINW4, ) ///
(FCOSTEXP → DASHDIETEXP, )(Agew1_C→ DASHDIETEXP, ) (Agew3_C → DASHDIETEXP, ) (race → DASHDIETEXP, )
(pir → DASHDIETEXP, ) (edubr2 → DASHDIETEXP, ) (edubr3 → DASHDIETEXP, ) (employed1 → DASHDIETEXP, )
(wratthr2 -> DASHDIETEXP, ) (wratthr3 -> DASHDIETEXP, ) (wratthr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrgs1 -> DASHDIETEXP, ) (currdrgs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp == 1 , nocapslatent method(ml) group(sex)
estat ginvariant

**By race**

sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wratthr2 -> ALBUMINW4, ) (wratthr3 -> ALBUMINW4, ) (wratthr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrgs1 -> ALBUMINW4, ) (currdrgs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthr2 -> DASHDIETEXP, ) (wratthr3 -> DASHDIETEXP, ) (wratthr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrgs1 -> DASHDIETEXP, ) (currdrgs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp == 1 , nocapslatent method(ml) group(race)
estat ginvariant

**By pir**

sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (race -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wratthr2 -> ALBUMINW4, ) (wratthr3 -> ALBUMINW4, ) (wratthr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrgs1 -> ALBUMINW4, ) (currdrgs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthr2 -> DASHDIETEXP, ) (wratthr3 -> DASHDIETEXP, ) (wratthr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrgs1 -> DASHDIETEXP, ) (currdrgs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp == 1 , nocapslatent method(ml) group(pir)
estat ginvariant
***********************STRATIFIED ANALYSIS*******************************

//MEN//
sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (race -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wrettbr2 -> ALBUMINW4, ) (wrettbr3 -> ALBUMINW4, ) (wrettbr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrettbr2 -> DASHDIETEXP, ) (wrettbr3 -> DASHDIETEXP, ) (wrettbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//WOMEN//
sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (race -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wrettbr2 -> ALBUMINW4, ) (wrettbr3 -> ALBUMINW4, ) (wrettbr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrettbr2 -> DASHDIETEXP, ) (wrettbr3 -> DASHDIETEXP, ) (wrettbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//WHITES//
sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wratbr2 -> ALBUMINW4, ) (wratbr3 -> ALBUMINW4, ) (wratbr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) ///

(estat gof, stats(all)
estat teffects

//African-Americans//

sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wratbr2 -> ALBUMINW4, ) (wratbr3 -> ALBUMINW4, ) (wratbr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) ///

(estat gof, stats(all)
estat teffects

//BELOW POVERTY//

sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (race -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, ) (employed1 -> ALBUMINW4, ) (wratbr2 -> ALBUMINW4, ) (wratbr3 -> ALBUMINW4, ) (wratbr4 -> ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 -> ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) if finalsample==1 & pir==0, nocapslatent
method(ml)
estat gof, stats(all)
estat tefects

//ABOVE POVERTY//
sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) (Agew1_C -> ALBUMINW4, ) (Agew3_C ->
ALBUMINW4, ) (sex -> ALBUMINW4, ) (race -> ALBUMINW4, ) (edubr2 -> ALBUMINW4, ) (edubr3 -> ALBUMINW4, )
(employed1 -> ALBUMINW4, ) (wrattbr2 -> ALBUMINW4, ) (wrattbr3 -> ALBUMINW4, ) (wrattbr4 ->
ALBUMINW4, ) (smoke1 -> ALBUMINW4, ) (smoke9 -> ALBUMINW4, ) (currdrugs1 -> ALBUMINW4, ) (currdrugs9 ->
ALBUMINW4, ) (bmi_C -> ALBUMINW4, ) (SRHbr2 -> ALBUMINW4, ) (SRHbr3 -> ALBUMINW4, ) (kcalw1w3mean_C ->
ALBUMINW4, ) (energystoresw1w3mean_C -> ALBUMINW4, ) (invmillssem -> ALBUMINW4, ) if finalsample==1 & pir==1,
nocapslatent
method(ml)
estat gof, stats(all)
estat tefects

**************************************************CRP WAVE 4**************************************************

//MULTI-GROUP//
**All**
sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C -> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(race -> CRPW4, ) (pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wrattbr2 -> CRPW4, )
(wrattbr3 -> CRPW4, ) (wrattbr4 -> CRPW4, ) (smoke1 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs1 -> CRPW4, ) (currdrugs9
-> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, )
(energystoresw1w3mean_C -> CRPW4, ) (invmillssem -> CRPW4, )
estat gof, stats(all)
estat tefects
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)

estat ginvariant

estat gof, stats(all)
estat teffects

**By sex**

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (race -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, )
(wratthbr2 -> CRPW4, ) (wratthbr3 -> CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, )
(currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, )
(kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillssem -> CRPW4, )

(estat ginvariant)

se (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )

(estat ginvariant)

**By race**

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, )
(wratthbr2 -> CRPW4, ) (wratthbr3 -> CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, )
(currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, )
(kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillssem -> CRPW4, )

(estat ginvariant)
estat ginvariant

**By pir**

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(race -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, )
(SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillissem -> CRPW4, ) ///

(estat ginvariant)

**************************************************STRATIFIED ANALYSIS**************************************************

//MEN/

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, )
(SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillissem -> CRPW4, ) ///

(estat ginvariant)

********************STRATIFIED ANALYSIS*****************************

//WOMEN/

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, )
(SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillissem -> CRPW4, ) ///

(estat ginvariant)

estat gof, stats(all)
estat teffects

//WOMEN//

sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (race -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs9 -> CRPW4, ) (bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, )
(SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillissem -> CRPW4, )
(bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C -> CRPW4, ) (invmillssem -> CRPW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0, nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//WHITES//
sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wrattbr2 -> CRPW4, ) (wrattbr3 ->
CRPW4, ) (wrattbr4 -> CRPW4, ) (smoke1 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs1 -> CRPW4, ) (currdrugs9 -> CRPW4, )
(bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C
-> CRPW4, ) (invmillssem -> CRPW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0, nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//African-Americans//
sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C-> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(pir -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wrattbr2 -> CRPW4, ) (wrattbr3 ->
CRPW4, ) (wrattbr4 -> CRPW4, ) (smoke1 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdrugs1 -> CRPW4, ) (currdrugs9 -> CRPW4, )
(bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C
-> CRPW4, ) (invmillssem -> CRPW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C -> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(race -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke1 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdugs1 -> CRPW4, ) (currdugs9 -> CRPW4, )
(bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C
-> CRPW4, ) (invmillisem -> CRPW4, ) ||
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdugs1 -> DASHDIETEXP, ) (currdugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C
-> DASHDIETEXP, ) (invmillisem -> DASHDIETEXP, ) if finalsample==1 & pir==0 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//ABOVE POVERTY//
sem (FCOSTEXP -> CRPW4, ) (DASHDIETEXP -> CRPW4, ) (Agew1_C -> CRPW4, ) (Agew3_C -> CRPW4, ) (sex -> CRPW4, )
(race -> CRPW4, ) (edubr2 -> CRPW4, ) (edubr3 -> CRPW4, ) (employed1 -> CRPW4, ) (wratthbr2 -> CRPW4, ) (wratthbr3 ->
CRPW4, ) (wratthbr4 -> CRPW4, ) (smoke1 -> CRPW4, ) (smoke9 -> CRPW4, ) (currdugs1 -> CRPW4, ) (currdugs9 -> CRPW4, )
(bmi_C -> CRPW4, ) (SRHbr2 -> CRPW4, ) (SRHbr3 -> CRPW4, ) (kcalw1w3mean_C -> CRPW4, ) (energystoresw1w3mean_C
-> CRPW4, ) (invmillisem -> CRPW4, ) ||
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdugs1 -> DASHDIETEXP, ) (currdugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C
-> DASHDIETEXP, ) (invmillisem -> DASHDIETEXP, ) if finalsample==1 & pir==1 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

*****************************************************************************CHELORSTEROL WAVE 4*****************************************************************************

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**All**

```
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (sex -> CHOLW4, ) (race -> CHOLW4, ) (pir -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (SRHbr3 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edu2 -> DASHDIETEXP, ) (edu3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml)
group(finalsample)
```

```
estat ginvariant
```

```
estat gof, stats(all)
estat teffects
```

**By sex**

```
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (race -> CHOLW4, ) (pir -> CHOLW4, ) (edu2 -> CHOLW4, ) (edu3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (SRHbr3 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edu2 -> DASHDIETEXP, ) (edu3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(sex)
```

```
estat ginvariant
```

**By race**

```
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (race -> CHOLW4, ) (pir -> CHOLW4, ) (edu2 -> CHOLW4, ) (edu3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(sex)
```

```
estat ginvariant
```
**By pir**

sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (sex -> CHOLW4, ) (race -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrrattbr2 -> CHOLW4, ) (wrrattbr3 -> CHOLW4, ) (wrrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrrattbr2 -> DASHDIETEXP, ) (wrrattbr3 -> DASHDIETEXP, ) (wrrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(race)
estat ginvariant

***************STRATIFIED ANALYSIS***********************

//MEN//

sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (race -> CHOLW4, ) (pir -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrrattbr2 -> CHOLW4, ) (wrrattbr3 -> CHOLW4, ) (wrrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrrattbr2 -> DASHDIETEXP, ) (wrrattbr3 -> DASHDIETEXP, ) (wrrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(pir)
estat ginvariant
(smoke9 -> DASHDIETEXP), (currdrugs1 -> DASHDIETEXP), (currdrugs9 -> DASHDIETEXP), (bmi_C -> DASHDIETEXP),
(SRHbr2 -> DASHDIETEXP), (SRHbr3 -> DASHDIETEXP), (kcalw1w3mean_C -> DASHDIETEXP),
(energystoresw1w3mean_C -> DASHDIETEXP), (invmillissem -> DASHDIETEXP), if finalsamp==1 & sex==1, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

//WOMEN//

sem (FCOSTEXP -> CHOLW4, (DASHDIETEXP -> CHOLW4, (Agew1_C> CHOLW4, (Agew3_C -> CHOLW4, (race ->
CHOLW4, (pir -> CHOLW4, (edu1 -> CHOLW4, (edu2 -> CHOLW4, (edu3 -> CHOLW4, (employed1 -> CHOLW4, )
(wrattbr2 ->
CHOLW4, (wrattbr3 -> CHOLW4, (wrattbr4 -> CHOLW4, (smoke1 -> CHOLW4, (smoke9 -> CHOLW4, (currdrugs1 ->
CHOLW4, (currdrugs9 -> CHOLW4, (bmi_C -> CHOLW4, (SRHbr2 -> CHOLW4, (SRHbr3 ->
CHOLW4, (kcalw1w3mean_C -> CHOLW4, (energystoresw1w3mean_C -> CHOLW4, (invmillissem -> CHOLW4, )
if finalsamp==1 & sex==0, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

//WHITES//

sem (FCOSTEXP -> CHOLW4, (DASHDIETEXP -> CHOLW4, (Agew1_C> CHOLW4, (Agew3_C -> CHOLW4, (sex ->
CHOLW4, (pir -> CHOLW4, (edu1 -> CHOLW4, (edu2 -> CHOLW4, (edu3 -> CHOLW4, (employed1 -> CHOLW4, )
(wrattbr2 ->
CHOLW4, (wrattbr3 -> CHOLW4, (wrattbr4 -> CHOLW4, (smoke1 -> CHOLW4, (smoke9 -> CHOLW4, (currdrugs1 ->
CHOLW4, (currdrugs9 -> CHOLW4, (bmi_C -> CHOLW4, (SRHbr2 -> CHOLW4, (SRHbr3 ->
CHOLW4, (kcalw1w3mean_C -> CHOLW4, (energystoresw1w3mean_C -> CHOLW4, (invmillissem -> CHOLW4, )
if finalsamp==1 & sex==0, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (sex -> CHOLW4, ) (pir -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (SRHbr3 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==1 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (sex -> CHOLW4, ) (race -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (SRHbr3 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//ABOVE POVERTY//
sem (FCOSTEXP -> CHOLW4, ) (DASHDIETEXP -> CHOLW4, ) (Agew1_C -> CHOLW4, ) (Agew3_C -> CHOLW4, ) (sex -> CHOLW4, ) (race -> CHOLW4, ) (edubr2 -> CHOLW4, ) (edubr3 -> CHOLW4, ) (employed1 -> CHOLW4, ) (wrattbr2 -> CHOLW4, ) (wrattbr3 -> CHOLW4, ) (wrattbr4 -> CHOLW4, ) (smoke1 -> CHOLW4, ) (smoke9 -> CHOLW4, ) (currdrugs1 -> CHOLW4, ) (currdrugs9 -> CHOLW4, ) (bmi_C -> CHOLW4, ) (SRHbr2 -> CHOLW4, ) (SRHbr3 -> CHOLW4, ) (kcalw1w3mean_C -> CHOLW4, ) (energystoresw1w3mean_C -> CHOLW4, ) (invmillssem -> CHOLW4, ) /// (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 → DASHDIETEXP, ) (wrattbr3 → DASHDIETEXP, ) (wrattbr4 → DASHDIETEXP, ) (smoke1 → DASHDIETEXP, )
(smoke9 → DASHDIETEXP, ) (currdrugs1 → DASHDIETEXP, ) (currdrugs9 → DASHDIETEXP, ) (bmi_C → DASHDIETEXP, )
(SRHbr2 → DASHDIETEXP, ) (SRHbr3 → DASHDIETEXP, ) (kcalw1w3mean_C → DASHDIETEXP, )
(energystoresw1w3mean_C → DASHDIETEXP, ) (invmillssem → DASHDIETEXP, ) if finalsample==1 & pir==1 , nocapslatent
method(ml)

'estat gof, stats(all)
estat tteffects

***********************HDL WAVE 4**********************************

//=MULTI-GROUP//

**All**
sem (FCOSTEXP → HDLW4, ) (DASHDIETEXP → HDLW4, ) (Agew1_C→ HDLW4, ) (Agew3_C→ HDLW4, ) (sex → HDLW4, )
(race → HDLW4, ) (pir → HDLW4, ) (edubr2 → HDLW4, ) (edubr3 → HDLW4, ) (employed1 → HDLW4, )
(wrattbr2 → HDLW4, ) (wrattbr3 → HDLW4, ) (wrattbr4 → HDLW4, ) (smoke1 → HDLW4, ) (smoke9 → HDLW4, )
(currdrugs1 → HDLW4, ) (currdrugs9 → HDLW4, ) (bmi_C → HDLW4, ) (SRHbr2 → HDLW4, ) (SRHbr3 → HDLW4, )
(kcalw1w3mean_C → HDLW4, ) (energystoresw1w3mean_C → HDLW4, ) (invmillssem → HDLW4, )

(FCOSTEXP → DASHDIETEXP, ) (Agew1_C→ DASHDIETEXP, ) (Agew3_C→ DASHDIETEXP, ) (sex → DASHDIETEXP, )
(race → DASHDIETEXP, ) (pir → DASHDIETEXP, ) (edubr2 → DASHDIETEXP, ) (edubr3 → DASHDIETEXP, )
(employed1 → DASHDIETEXP, ) (wrattbr2 → DASHDIETEXP, ) (wrattbr3 → DASHDIETEXP, ) (wrattbr4 → DASHDIETEXP, )
(smoke9 → DASHDIETEXP, ) (currdrugs1 → DASHDIETEXP, ) (currdrugs9 → DASHDIETEXP, ) (bmi_C →
DASHDIETEXP, ) (SRHbr2 → DASHDIETEXP, ) (SRHbr3 → DASHDIETEXP, ) (kcalw1w3mean_C → DASHDIETEXP, )
(energystoresw1w3mean_C → DASHDIETEXP, ) (invmillssem → DASHDIETEXP, ) , nocapslatent method(ml)
group(finalsample)

'estat ginvariant

'estat gof, stats(all)
estat tteffects

**By sex**
sem (FCOSTEXP → HDLW4, ) (DASHDIETEXP → HDLW4, ) (Agew1_C→ HDLW4, ) (Agew3_C→ HDLW4, ) (race → HDLW4, )
(pir → HDLW4, ) (edubr2 → HDLW4, ) (edubr3 → HDLW4, ) (employed1 → HDLW4, )
(wrattbr2 → HDLW4, ) (wrattbr3 → HDLW4, ) (wrattbr4 → HDLW4, ) (smoke1 → HDLW4, ) (smoke9 → HDLW4, )
(currdrugs1 → HDLW4, ) (currdrugs9 → HDLW4, ) (bmi_C → HDLW4, ) (SRHbr2 → HDLW4, ) (SRHbr3 → HDLW4, )
(kcalw1w3mean_C → HDLW4, ) (energystoresw1w3mean_C → HDLW4, ) (invmillssem → HDLW4, )
**By race**

sem (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (SRHbr4 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(sex)

estat ginvariant

**By pir**

sem (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (SRHbr4 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(race)

estat ginvariant

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//MEN//
sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C-> HDLW4, ) (Agew3_C -> HDLW4, ) (race -> HDLW4, ) (pir -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wratthbr2 -> HDLW4, ) (wratthbr3 -> HDLW4, ) (wratthbr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, ) (currdrugs9 -> HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, ) (kcalw1w3mean_C -> HDLW4, ) (energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent method(ml)
estat gof, stats(all)
estat tffects

//WOMEN//
sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C-> HDLW4, ) (Agew3_C -> HDLW4, ) (race -> HDLW4, ) (pir -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wratthbr2 -> HDLW4, ) (wratthbr3 -> HDLW4, ) (wratthbr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, ) (currdrugs9 -> HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, ) (kcalw1w3mean_C -> HDLW4, ) (energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent method(ml)
estat gof, stats(all)
estat tffects

//WHITES//
sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C-> HDLW4, ) (Agew3_C -> HDLW4, ) (sex -> HDLW4, ) (pir -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wratthbr2 -> HDLW4, ) (wratthbr3 -> HDLW4, ) (wratthbr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, ) (currdrugs9 -> HDLW4, )
(currdrugs9 -> HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, ) (kcalw1w3mean_C -> HDLW4, )
(energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, )

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent

method(ml)
estat gof, stats(all)
estat teffects

//African-Americans//

sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C -> HDLW4, ) (Agew3_C -> HDLW4, ) (sex -> HDLW4, )
(pir -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wrattbr2 -> HDLW4, )
(wrattbr3 -> HDLW4, ) (wrattbr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, )
(currdrugs9 -> HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, ) (kcalw1w3mean_C -> HDLW4, )
(energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, )

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==1 , nocapslatent

method(ml)
estat gof, stats(all)
estat teffects

//BELOW POVERTY//

sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C -> HDLW4, ) (Agew3_C -> HDLW4, ) (sex -> HDLW4, )
(race -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wrattbr2 -> HDLW4, ) (wrattbr3 ->
HDLW4, ) (wrattbr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, ) (currdrugs9 ->
HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, ) (kcalw1w3mean_C -> HDLW4, )
(energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, )

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsampless=1 & pir==0 , nocapslatent

method(ml)
estat gof, stats(all)
estat teffects

//ABOVE POVERTY//

sem (FCOSTEXP -> HDLW4, ) (DASHDIETEXP -> HDLW4, ) (Agew1_C-> HDLW4, ) (Agew3_C-> HDLW4, ) (sex -> HDLW4, )

(race -> HDLW4, ) (edubr2 -> HDLW4, ) (edubr3 -> HDLW4, ) (employed1 -> HDLW4, ) (wrattribr2 -> HDLW4, )

(wrattribr3 -> HDLW4, ) (wrattribr4 -> HDLW4, ) (smoke1 -> HDLW4, ) (smoke9 -> HDLW4, ) (currdrugs1 -> HDLW4, )

(currdrugs9 -> HDLW4, ) (bmi_C -> HDLW4, ) (SRHbr2 -> HDLW4, ) (SRHbr3 -> HDLW4, )

(kcalw1w3mean_C -> HDLW4, ) (energystoresw1w3mean_C -> HDLW4, ) (invmillssem -> HDLW4, )

(method(ml)
estat gof, stats(all)
estat teffects

*****************************HEMOGLOBIN A 1C WAVE 4********************************************

//MULTI-GROUP//

**All**

sem (FCOSTEXP -> HGBA1C , ) (DASHDIETEXP -> HGBA1C , ) (Agew1_C-> HGBA1C , ) (Agew3_C -> HGBA1C , ) (sex ->

HGBA1C, ) (race -> HGBA1C, ) (pir -> HGBA1C, ) (edubr2 -> HGBA1C, ) (edubr3 -> HGBA1C, ) (employed1 -> HGBA1C, )

(wrattribr2 -> HGBA1C , ) (wrattribr3 -> HGBA1C , ) (wrattribr4 -> HGBA1C , ) (smoke1 -> HGBA1C , )

(smoke9 -> HGBA1C , ) (currdrugs1 -> HGBA1C , ) (currdrugs9 -> HGBA1C , ) (bmi_C -> HGBA1C , ) (SRHbr2 -> HGBA1C , )

(SRHbr3 -> HGBA1C , ) (kcalw1w3mean_C -> HGBA1C, ) (energystoresw1w3mean_C -> HGBA1C , ) (invmillssem -> HGBA1C, )

///

(method(ml)
estat gof, stats(all)
estat teffects

==========================================================HEMOGLOBIN A 1C WAVE 4=========================================================

//MULTI-GROUP//

**All**

sem (FCOSTEXP -> HGBA1C , ) (DASHDIETEXP -> HGBA1C , ) (Agew1_C-> HGBA1C , ) (Agew3_C -> HGBA1C , ) (sex ->

HGBA1C, ) (race -> HGBA1C, ) (pir -> HGBA1C, ) (edubr2 -> HGBA1C, ) (edubr3 -> HGBA1C, ) (employed1 -> HGBA1C, )

(wrattribr2 -> HGBA1C , ) (wrattribr3 -> HGBA1C , ) (wrattribr4 -> HGBA1C , ) (smoke1 -> HGBA1C , )

(smoke9 -> HGBA1C , ) (currdrugs1 -> HGBA1C , ) (currdrugs9 -> HGBA1C , ) (bmi_C -> HGBA1C , ) (SRHbr2 -> HGBA1C , )

(SRHbr3 -> HGBA1C , ) (kcalw1w3mean_C -> HGBA1C, ) (energystoresw1w3mean_C -> HGBA1C , ) (invmillssem -> HGBA1C, )

///

(method(ml)
estat gof, stats(all)
estat teffects

group(finalsample)
estat ginvariant
estat gof, stats(all)
estat teffects

**By sex**

sem (FCOSTEXP -> HGBA1C,) (DASHDIETEXP -> HGBA1C,) (Agew1_C-> HGBA1C,) (Agew3_C -> HGBA1C,) (race -> HGBA1C,) (pir -> HGBA1C,) (edubr2 -> HGBA1C,) (edubr3 -> HGBA1C,) (employed1 -> HGBA1C,) (wratthb2 -> HGBA1C,) (wratthbr3 -> HGBA1C,) (wratthbr4 -> HGBA1C,) (smoke1 -> HGBA1C,) (smoke9 -> HGBA1C,) (currdrugs1 -> HGBA1C,) (currdrugs9 -> HGBA1C,) (bmi_C -> HGBA1C,) (SRHbr2 -> HGBA1C,) (SRHbr3 -> HGBA1C,) (kcalw1w3mean_C -> HGBA1C,) (energystoresw1w3mean_C -> HGBA1C,) (invmillssem -> HGBA1C,) ///
(FCOSTEXP -> DASHDIETEXP,) (Agew1_C-> DASHDIETEXP,) (Agew3_C -> DASHDIETEXP,) (sex -> DASHDIETEXP,) (pir -> DASHDIETEXP,) (edubr2 -> DASHDIETEXP,) (edubr3 -> DASHDIETEXP,) (employed1 -> DASHDIETEXP,) (wratthb2 -> DASHDIETEXP,) (wratthbr3 -> DASHDIETEXP,) (wratthbr4 -> DASHDIETEXP,) (smoke1 -> DASHDIETEXP,) (smoke9 -> DASHDIETEXP,) (currdrugs1 -> DASHDIETEXP,) (currdrugs9 -> DASHDIETEXP,) (bmi_C -> DASHDIETEXP,) (SRHbr2 -> DASHDIETEXP,) (SRHbr3 -> DASHDIETEXP,) (kcalw1w3mean_C -> DASHDIETEXP,) (energystoresw1w3mean_C -> DASHDIETEXP,) (invmilssem -> DASHDIETEXP,) if finalsample==1 , nocapslatent method(ml) group(sex)
estat ginvariant

**By race**

sem (FCOSTEXP -> HGBA1C,) (DASHDIETEXP -> HGBA1C,) (Agew1_C-> HGBA1C,) (Agew3_C -> HGBA1C,) (sex -> HGBA1C,) (pir -> HGBA1C,) (edubr2 -> HGBA1C,) (edubr3 -> HGBA1C,) (employed1 -> HGBA1C,) (wratthb2 -> HGBA1C,) (wratthbr3 -> HGBA1C,) (wratthbr4 -> HGBA1C,) (smoke1 -> HGBA1C,) (smoke9 -> HGBA1C,) (currdrugs1 -> HGBA1C,) (currdrugs9 -> HGBA1C,) (bmi_C -> HGBA1C,) (SRHbr2 -> HGBA1C,) (SRHbr3 -> HGBA1C,) (kcalw1w3mean_C -> HGBA1C,) (energystoresw1w3mean_C -> HGBA1C,) (invmillssem -> HGBA1C,) ///
(FCOSTEXP -> DASHDIETEXP,) (Agew1_C-> DASHDIETEXP,) (Agew3_C -> DASHDIETEXP,) (sex -> DASHDIETEXP,) (pir -> DASHDIETEXP,) (edubr2 -> DASHDIETEXP,) (edubr3 -> DASHDIETEXP,) (employed1 -> DASHDIETEXP,) (wratthb2 -> DASHDIETEXP,) (wratthbr3 -> DASHDIETEXP,) (wratthbr4 -> DASHDIETEXP,) (smoke1 -> DASHDIETEXP,) (smoke9 -> DASHDIETEXP,) (currdrugs1 -> DASHDIETEXP,) (currdrugs9 -> DASHDIETEXP,) (bmi_C -> DASHDIETEXP,) (SRHbr2 -> DASHDIETEXP,) (SRHbr3 -> DASHDIETEXP,) (kcalw1w3mean_C -> DASHDIETEXP,) (energystoresw1w3mean_C -> DASHDIETEXP,) (invmilssem -> DASHDIETEXP,) if finalsample==1 , nocapslatent method(ml) group(race)
estat ginvariant

**By pir**
sem (FCOSTEXP -> HGBA1C, ) (DASHDIETEXP -> HGBA1C, ) (Agew1_C -> HGBA1C, ) (Agew3_C -> HGBA1C, ) (sex -> HGBA1C, ) (race -> HGBA1C, ) (edubr2 -> HGBA1C, ) (edubr3 -> HGBA1C, ) (employed1 -> HGBA1C, ) (wrattbr2 -> HGBA1C, ) (wrattbr3 -> HGBA1C, ) (wrattbr4 -> HGBA1C, ) (smoke1 -> HGBA1C, ) (smoke9 -> HGBA1C, ) (currdugs1 -> HGBA1C, ) (currdugs9 -> HGBA1C, ) (bmi_C -> HGBA1C, ) (SRHbr2 -> HGBA1C, ) (SRHbr3 -> HGBA1C, ) (invmillssem -> HGBA1C, ) (energystoresw1w3mean_C -> HGBA1C, ) (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdugs1 -> DASHDIETEXP, ) (currdugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent method(ml) group(pir)
estat ginvariant

**************************STRATIFIED ANALYSIS**************************

//MEN//
sem (FCOSTEXP -> HGBA1C, ) (DASHDIETEXP -> HGBA1C, ) (Agew1_C -> HGBA1C, ) (Agew3_C -> HGBA1C, ) (race -> HGBA1C, ) (pir -> HGBA1C, ) (edubr2 -> HGBA1C, ) (edubr3 -> HGBA1C, ) (employed1 -> HGBA1C, ) (wrattbr2 -> HGBA1C, ) (wrattbr3 -> HGBA1C, ) (wrattbr4 -> HGBA1C, ) (smoke1 -> HGBA1C, ) (smoke9 -> HGBA1C, ) (currdugs1 -> HGBA1C, ) (currdugs9 -> HGBA1C, ) (bmi_C -> HGBA1C, ) (SRHbr2 -> HGBA1C, ) (SRHbr3 -> HGBA1C, ) (invmillssem -> HGBA1C, ) (energystoresw1w3mean_C -> HGBA1C, ) (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdugs1 -> DASHDIETEXP, ) (currdugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent method(ml)
estat gof, stats(all)
estat teffects

//WOMEN//
sem (FCOSTEXP -> HGBA1C, ) (DASHDIETEXP -> HGBA1C, ) (Agew1_C -> HGBA1C, ) (Agew3_C -> HGBA1C, ) (race -> HGBA1C, ) (pir -> HGBA1C, ) (edubr2 -> HGBA1C, ) (edubr3 -> HGBA1C, ) (employed1 -> HGBA1C, ) (wrattbr2 -> HGBA1C, ) (wrattbr3 -> HGBA1C, ) (wrattbr4 -> HGBA1C, ) (smoke1 -> HGBA1C, ) (smoke9 -> HGBA1C, ) (currdugs1 -> HGBA1C, ) (currdugs9 -> HGBA1C, ) (bmi_C -> HGBA1C, ) (SRHbr2 -> HGBA1C, ) (SRHbr3 -> HGBA1C, ) (invmillssem -> HGBA1C, ) (energystoresw1w3mean_C -> HGBA1C, ) (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 \rightarrow \text{DASHDIETEXP}, \) (wrattbr3 \rightarrow \text{DASHDIETEXP}, \) (wrattbr4 \rightarrow \text{DASHDIETEXP}, \) (smoke1 \rightarrow \text{DASHDIETEXP}, \) (smoke9 \rightarrow \text{DASHDIETEXP}, \) (currdrugs1 \rightarrow \text{DASHDIETEXP}, \) (currdrugs9 \rightarrow \text{DASHDIETEXP}, \) (bmi_C \rightarrow \text{DASHDIETEXP}, \) (SRHbr2 \rightarrow \text{DASHDIETEXP}, \) (SRHbr3 \rightarrow \text{DASHDIETEXP}, \) (kcalw1w3\text{mean}_C \rightarrow \text{DASHDIETEXP}, \) (energystoresw1w3\text{mean}_C \rightarrow \text{DASHDIETEXP}, \) (invmillssem \rightarrow \text{DASHDIETEXP}, \) if finalsample==1 & sex==0 , nocapslatent method(ml)

estat gof, stats(all)
estat tffects

//WHITES//
sem (FCOSTEXP \rightarrow \text{HGBA1C}, \) (DASHDIETEXP \rightarrow \text{HGBA1C}, \) (Agew1_C \rightarrow \text{HGBA1C}, \) (Agew3_C \rightarrow \text{HGBA1C}, \) (sex \rightarrow \text{HGBA1C}, \) (pir \rightarrow \text{HGBA1C}, \) (edubr2 \rightarrow \text{HGBA1C}, \) (edubr3 \rightarrow \text{HGBA1C}, \) (employed1 \rightarrow \text{HGBA1C}, \) (wrattbr2 \rightarrow \text{HGBA1C}, \) (wrattbr3 \rightarrow \text{HGBA1C}, \) (wrattbr4 \rightarrow \text{HGBA1C}, \) (smoke1 \rightarrow \text{HGBA1C}, \) (smoke9 \rightarrow \text{HGBA1C}, \) (currdrugs1 \rightarrow \text{HGBA1C}, \) (currdrugs9 \rightarrow \text{HGBA1C}, \) (bmi_C \rightarrow \text{HGBA1C}, \) (SRHbr2 \rightarrow \text{HGBA1C}, \) (SRHbr3 \rightarrow \text{HGBA1C}, \) (kcalw1w3\text{mean}_C \rightarrow \text{HGBA1C}, \) (energystoresw1w3\text{mean}_C \rightarrow \text{HGBA1C}, \) (invmillssem \rightarrow \text{HGBA1C}, \) if finalsample==1 & race==0 , nocapslatent method(ml)

estat gof, stats(all)
estat tffects

//African-Americans//
sem (FCOSTEXP \rightarrow \text{HGBA1C}, \) (DASHDIETEXP \rightarrow \text{HGBA1C}, \) (Agew1_C \rightarrow \text{HGBA1C}, \) (Agew3_C \rightarrow \text{HGBA1C}, \) (sex \rightarrow \text{HGBA1C}, \) (pir \rightarrow \text{HGBA1C}, \) (edubr2 \rightarrow \text{HGBA1C}, \) (edubr3 \rightarrow \text{HGBA1C}, \) (employed1 \rightarrow \text{HGBA1C}, \) (wrattbr2 \rightarrow \text{HGBA1C}, \) (wrattbr3 \rightarrow \text{HGBA1C}, \) (wrattbr4 \rightarrow \text{HGBA1C}, \) (smoke1 \rightarrow \text{HGBA1C}, \) (smoke9 \rightarrow \text{HGBA1C}, \) (currdrugs1 \rightarrow \text{HGBA1C}, \) (currdrugs9 \rightarrow \text{HGBA1C}, \) (bmi_C \rightarrow \text{HGBA1C}, \) (SRHbr2 \rightarrow \text{HGBA1C}, \) (SRHbr3 \rightarrow \text{HGBA1C}, \) (kcalw1w3\text{mean}_C \rightarrow \text{HGBA1C}, \) (energystoresw1w3\text{mean}_C \rightarrow \text{HGBA1C}, \) (invmillssem \rightarrow \text{HGBA1C}, \) if finalsample==1 & race==1 , nocapslatent method(ml)

estat gof, stats(all)
estat tffects

145
//BELOW POVERTY//

sem (FCOSTEXP -> HGBA1C , ) (DASHDIETEXP -> HGBA1C , ) (Agew1_C-> HGBA1C , ) (Agew3_C -> HGBA1C , ) (sex ->
HGBA1C , ) (race -> HGBA1C , ) (educr2 -> HGBA1C , ) (educr3 -> HGBA1C , ) (employed1 -> HGBA1C , ) (wattbr2 ->
HGBA1C , ) (wattbr3 -> HGBA1C , ) (wattbr4 -> HGBA1C , ) (smoke1 -> HGBA1C , ) (smoke9 -> HGBA1C , ) (currdrugs1 ->
HGBA1C , ) (currdrugs9 -> HGBA1C , ) (bmi_C -> HGBA1C , ) (SRHbr2 -> HGBA1C , ) (SRHbr3 -> HGBA1C , ) (kcalw1w3mean_C -> HGBA1C , ) (energystoresw1w3mean_C -> HGBA1C , ) (invmillssem -> HGBA1C , ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (educr2 -> DASHDIETEXP, ) (educr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wattbr2 -> DASHDIETEXP, ) (wattbr3 -> DASHDIETEXP, ) (wattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==0 , nocapslatent
method(ml)

estat gof, stats(all)
estat t/effects

//ABOVE POVERTY//

sem (FCOSTEXP -> HGBA1C , ) (DASHDIETEXP -> HGBA1C , ) (Agew1_C-> HGBA1C , ) (Agew3_C -> HGBA1C , ) (sex ->
HGBA1C , ) (race -> HGBA1C , ) (educr2 -> HGBA1C , ) (educr3 -> HGBA1C , ) (employed1 -> HGBA1C , ) (wattbr2 ->
HGBA1C , ) (wattbr3 -> HGBA1C , ) (wattbr4 -> HGBA1C , ) (smoke1 -> HGBA1C , ) (smoke9 -> HGBA1C , ) (currdrugs1 ->
HGBA1C , ) (currdrugs9 -> HGBA1C , ) (bmi_C -> HGBA1C , ) (SRHbr2 -> HGBA1C , ) (SRHbr3 -> HGBA1C , ) (kcalw1w3mean_C -> HGBA1C , ) (energystoresw1w3mean_C -> HGBA1C , ) (invmillssem -> HGBA1C , ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (educr2 -> DASHDIETEXP, ) (educr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wattbr2 -> DASHDIETEXP, ) (wattbr3 -> DASHDIETEXP, ) (wattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==1 , nocapslatent
method(ml)

estat gof, stats(all)
estat t/effects

*****************************WAIST-HIP-RATIO WAVE 4********************************************

//MULTI-GROUP//

**All**

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C-> WHRW4, ) (Agew3_C -> WHRW4, ) (sex ->
WHRW4, ) (race -> WHRW4, ) (pir -> WHRW4, ) (educr2 -> WHRW4, ) (educr3 -> WHRW4, ) (employed1 -> WHRW4, )
(wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)

estat ginvariant

estat gof, stats(all)
estat teffects

**By sex**

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (race -> WHRW4, ) (pir -> WHRW4, ) (edubr2 -> WHRW4, ) (edubr3 -> WHRW4, ) (employed1 -> WHRW4, ) (wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energy storesw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(sex)

estat ginvariant

**By race**

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (sex -> WHRW4, ) (pir -> WHRW4, ) (edubr2 -> WHRW4, ) (edubr3 -> WHRW4, ) (employed1 -> WHRW4, ) (wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) if finalsample==1 , nocapslatent
method(ml) group(race)

estat ginvariant

**By pir**

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (sex ->
WRW4, ) (race -> WHRW4, ) (edubr2 -> WHRW4, ) (edubr3 -> WHRW4, ) (employed1 -> WHRW4, )
(wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 ->
WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, )
(SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem ->
WHRW4, ) ///

(estat ginvariant

****************************STRATIFIED ANALYSIS*******************************

//MEN//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (sex ->
WRW4, ) (race -> WHRW4, ) (edubr2 -> WHRW4, ) (edubr3 -> WHRW4, ) (employed1 -> WHRW4, )
(wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 ->
WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, )
(SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem ->
WHRW4, ) ///

(estat ginvariant

***************STRATIFIED ANALYSIS***************
estat gof, stats(all)
estat tteffects

//WOMEN//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (race -> WHRW4, ) (pir -> WHRW4, ) (edu br2 -> WHRW4, ) (edu br3 -> WHRW4, ) (employed1 -> WHRW4, ) (wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edu br2 -> DASHDIETEXP, ) (edu br3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent method(ml)
estat gof, stats(all)
estat tteffects

//WHITES//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (sex -> WHRW4, ) (pir -> WHRW4, ) (edu br2 -> WHRW4, ) (edu br3 -> WHRW4, ) (employed1 -> WHRW4, ) (wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edu br2 -> DASHDIETEXP, ) (edu br3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent method(ml)
estat gof, stats(all)
estat tteffects

//African-Americans//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) (Agew1_C -> WHRW4, ) (Agew3_C -> WHRW4, ) (sex -> WHRW4, ) (pir -> WHRW4, ) (edu br2 -> WHRW4, ) (edu br3 -> WHRW4, ) (employed1 -> WHRW4, ) (wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, ) (smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, )
(currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, ) (SRHbr3 -> WHRW4, )(kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edu br3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamples==1 & race==1 , nocapslatent
method(ml)

estat gof, stats(all)
estat tffects

//BELOW POVERTY//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) ( Agew1_C-> WHRW4, ) (Agew3_C -> WHRW4, ) (sex ->
WHRW4, ) (race -> WHRW4, ) (edubr2 -> WHRW4, ) (edu br3 -> WHRW4, ) (employed1 -> WHRW4, )
(wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, )
(smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, )
(SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, ) (energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edu br3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamples==1 & pir==0 , nocapslatent
method(ml)

estat gof, stats(all)
estat tffects

//ABOVE POVERTY//

sem (FCOSTEXP -> WHRW4, ) (DASHDIETEXP -> WHRW4, ) ( Agew1_C-> WHRW4, ) (Agew3_C -> WHRW4, ) (sex ->
WHRW4, ) (race -> WHRW4, ) (edubr2 -> WHRW4, ) (edu br3 -> WHRW4, ) (employed1 -> WHRW4, )
(wrattbr2 -> WHRW4, ) (wrattbr3 -> WHRW4, ) (wrattbr4 -> WHRW4, ) (smoke1 -> WHRW4, )
(smoke9 -> WHRW4, ) (currdrugs1 -> WHRW4, ) (currdrugs9 -> WHRW4, ) (bmi_C -> WHRW4, ) (SRHbr2 -> WHRW4, )
(SRHbr3 -> WHRW4, ) (kcalw1w3mean_C -> WHRW4, )
(energystoresw1w3mean_C -> WHRW4, ) (invmillssem -> WHRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edu br3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamples==1 & pir==1 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

*****************************SBP WAVE 4********************************************
//MULTI-GROUP//

**All**
sem (FCOSTEXP -> BPSYSW4 , ) (DASHDIETEXP -> BPSYSW4 , ) ( Agew1_C-> BPSYSW4 , ) (Agew3_C -> BPSYSW4 , ) (sex -> BPSYSW4 , ) (race -> BPSYSW4 , ) (pir -> BPSYSW4 , ) (edubr2 -> BPSYSW4 , ) (edubr3 -> BPSYSW4 , ) (employed1 -> BPSYSW4 , ) (wratbr2 -> BPSYSW4 , ) (wratbr3 -> BPSYSW4 , ) (wratbr4 -> BPSYSW4 , ) (smoke1 -> BPSYSW4 , ) (smoke9 -> BPSYSW4 , ) (currdrugs1 -> BPSYSW4 , ) (currdrugs9 -> BPSYSW4 , ) (bmi_C -> BPSYSW4 , ) (SRHbr2 -> BPSYSW4 , ) (SRHbr3 -> BPSYSW4 , ) (kcalw1w3mean_C -> BPSYSW4 , ) (energystoresw1w3mean_C -> BPSYSW4 , ) (invmillssem -> BPSYSW4 , ) ///
(FCOSTEXP -> DASHDIETEXP , ) ( Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)
estat ginvariant

estat gof, stats(all)
estat teffects

**By sex**
sem (FCOSTEXP -> BPSYSW4 , ) (DASHDIETEXP -> BPSYSW4 , ) ( Agew1_C-> BPSYSW4 , ) (Agew3_C -> BPSYSW4 , ) (race -> BPSYSW4 , ) (pir -> BPSYSW4 , ) (edubr2 -> BPSYSW4 , ) (edubr3 -> BPSYSW4 , ) (employed1 -> BPSYSW4 , ) (wratbr2 -> BPSYSW4 , ) (wratbr3 -> BPSYSW4 , ) (wratbr4 -> BPSYSW4 , ) (smoke1 -> BPSYSW4 , ) (smoke9 -> BPSYSW4 , ) (currdrugs1 -> BPSYSW4 , ) (currdrugs9 -> BPSYSW4 , ) (bmi_C -> BPSYSW4 , ) (SRHbr2 -> BPSYSW4 , ) (SRHbr3 -> BPSYSW4 , ) (kcalw1w3mean_C -> BPSYSW4 , ) (energystoresw1w3mean_C -> BPSYSW4 , ) (invmillssem -> BPSYSW4 , ) ///
(FCOSTEXP -> DASHDIETEXP , ) ( Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillissem -> DASHDIETEXP, ) if finalsamp==1 , nocapslatent
method(ml) group(sex)

estat ginvariant

**By race**

sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) ( Agew1_C-> BPSYSW4, ) (Agew3_C -> BPSYSW4, ) (sex -> BPSYSW4, ) (pir -> BPSYSW4, ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4, ) (employed1 -> BPSYSW4, ) ( wratthr2 -> BPSYSW4, ) (wratthr3 -> BPSYSW4, ) (wratthr4 -> BPSYSW4, ) (smoke1 -> BPSYSW4, ) (smoke9 -> BPSYSW4, ) (currdrugs1 -> BPSYSW4, ) (currdrugs9 -> BPSYSW4, ) (bmi_C -> BPSYSW4, ) (SRHbr2 -> BPSYSW4, ) (SRHbr3 -> BPSYSW4, ) (kcalw1w3mean_C -> BPSYSW4, ) (energystoresw1w3mean_C -> BPSYSW4, ) (invmillissem -> BPSYSW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) ( Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthr2 -> DASHDIETEXP, ) (wratthr3 -> DASHDIETEXP, ) (wratthr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillissem -> DASHDIETEXP, ) if finalsamp==1 , nocapslatent
method(ml) group(race)

estat ginvariant

**By pir**

sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) ( Agew1_C-> BPSYSW4, ) (Agew3_C -> BPSYSW4, ) (sex -> BPSYSW4, ) (race -> BPSYSW4, ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4, ) (employed1 -> BPSYSW4, ) (wratthr2 -> BPSYSW4, ) (wratthr3 -> BPSYSW4, ) (wratthr4 -> BPSYSW4, ) (smoke1 -> BPSYSW4, ) (smoke9 -> BPSYSW4, ) (currdrugs1 -> BPSYSW4, ) (currdrugs9 -> BPSYSW4, ) (bmi_C -> BPSYSW4, ) (SRHbr2 -> BPSYSW4, ) (SRHbr3 -> BPSYSW4, ) (kcalw1w3mean_C -> BPSYSW4, ) (energystoresw1w3mean_C -> BPSYSW4, ) (invmillissem -> BPSYSW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) ( Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthr2 -> DASHDIETEXP, ) (wratthr3 -> DASHDIETEXP, ) (wratthr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillissem -> DASHDIETEXP, ) if finalsamp==1 , nocapslatent
method(ml) group(pir)

estat ginvariant

**************************STRATIFIED ANALYSIS**************************

//MEN//
sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C-> BPSYSW4 , ) (Agew3_C -> BPSYSW4 , ) (race -> BPSYSW4 , ) (pir -> BPSYSW4 , ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4 , } (employed1 -> BPSYSW4, ) (wratthbr2 -> BPSYSW4 , ) (wratthbr3 -> BPSYSW4 , ) (wratthbr4 -> BPSYSW4 , ) (smoke1 -> BPSYSW4 , ) (smoke9 -> BPSYSW4 , ) (currdrugs1 -> BPSYSW4 , ) (currdrugs9 -> BPSYSW4 , ) (bmi_C -> BPSYSW4 , ) (SRHbr2 -> BPSYSW4 , ) (SRHbr3 -> BPSYSW4 , ) (kcalw1w3mean_C -> BPSYSW4 , ) (energystoresw1w3mean_C -> BPSYSW4 , ) (invmillssem -> BPSYSW4 , ) // (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent method(ml) estat gof, stats(all) estat tffects

//WOMEN// sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C-> BPSYSW4 , ) (Agew3_C -> BPSYSW4 , ) (race -> BPSYSW4 , ) (pir -> BPSYSW4 , ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4 , } (employed1 -> BPSYSW4, ) (wratthbr2 -> BPSYSW4 , ) (wratthbr3 -> BPSYSW4 , ) (wratthbr4 -> BPSYSW4 , ) (smoke1 -> BPSYSW4 , ) (smoke9 -> BPSYSW4 , ) (currdrugs1 -> BPSYSW4 , ) (currdrugs9 -> BPSYSW4 , ) (bmi_C -> BPSYSW4 , ) (SRHbr2 -> BPSYSW4 , ) (SRHbr3 -> BPSYSW4 , ) (kcalw1w3mean_C -> BPSYSW4 , ) (energystoresw1w3mean_C -> BPSYSW4 , ) (invmillssem -> BPSYSW4 , ) // (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent method(ml) estat gof, stats(all) estat tffects

//WHITES// sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C-> BPSYSW4 , ) (Agew3_C -> BPSYSW4 , ) (sex -> BPSYSW4 , ) (pir -> BPSYSW4 , ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4 , } (employed1 -> BPSYSW4, ) (wratthbr2 -> BPSYSW4 , ) (wratthbr3 -> BPSYSW4 , ) (wratthbr4 -> BPSYSW4 , ) (smoke1 -> BPSYSW4 , ) (smoke9 -> BPSYSW4 , ) (currdrugs1 -> BPSYSW4 , ) (currdrugs9 -> BPSYSW4 , ) (bmi_C -> BPSYSW4 , ) (SRHbr2 -> BPSYSW4 , ) (SRHbr3 -> BPSYSW4 , ) (kcalw1w3mean_C -> BPSYSW4 , ) (energystoresw1w3mean_C -> BPSYSW4 , ) (invmillssem -> BPSYSW4 , ) // (FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratthbr2 -> DASHDIETEXP, ) (wratthbr3 -> DASHDIETEXP, ) (wratthbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==1 , nocapslatent method(ml) estat gof, stats(all) estat tffects
(smoke9 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

///African-Americans///
sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C-> BPSYSW4, ) (Agew3_C -> BPSYSW4, ) (sex -> BPSYSW4, ) (pir -> BPSYSW4, ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4, ) (employed1 -> BPSYSW4, ) (wratbr2 -> BPSYSW4, ) (wratbr4 -> BPSYSW4, ) (smoke1 -> BPSYSW4, ) (smoke9 -> BPSYSW4, ) (currdrugs1 -> BPSYSW4, ) (currdrugs9 -> BPSYSW4, ) (bmi_C -> BPSYSW4, ) (SRHbr2 -> BPSYSW4, ) (SRHbr3 -> BPSYSW4, ) (kcalw1w3mean_C -> BPSYSW4, ) (energystoresw1w3mean_C -> BPSYSW4, ) (invmillssem -> BPSYSW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==1, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

///BELOW POVERTY///
sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C-> BPSYSW4, ) (Agew3_C -> BPSYSW4, ) (sex -> BPSYSW4, ) (race -> BPSYSW4, ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4, ) (employed1 -> BPSYSW4, ) (wratbr2 -> BPSYSW4, ) (wratbr4 -> BPSYSW4, ) (smoke1 -> BPSYSW4, ) (smoke9 -> BPSYSW4, ) (currdrugs1 -> BPSYSW4, ) (currdrugs9 -> BPSYSW4, ) (bmi_C -> BPSYSW4, ) (SRHbr2 -> BPSYSW4, ) (SRHbr3 -> BPSYSW4, ) (kcalw1w3mean_C -> BPSYSW4, ) (energystoresw1w3mean_C -> BPSYSW4, ) (invmillssem -> BPSYSW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C-> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==0, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects
sem (FCOSTEXP -> BPSYSW4, ) (DASHDIETEXP -> BPSYSW4, ) (Agew1_C -> BPSYSW4, ) (Agew3_C -> BPSYSW4, ) (sex -> BPSYSW4, ) (race -> BPSYSW4, ) (edubr2 -> BPSYSW4, ) (edubr3 -> BPSYSW4, ) (employed1 -> BPSYSW4, ) (wrattbr2 -> BPSYSW4, ) (wrattbr3 -> BPSYSW4, ) (wrattbr4 -> BPSYSW4, ) (smoke1 -> BPSYSW4, ) (smoke9 -> BPSYSW4, ) (currdrugs1 -> BPSYSW4, ) (currdrugs9 -> BPSYSW4, ) (bmi_C -> BPSYSW4, ) (SRHbr2 -> BPSYSW4, ) (SRHbr3 -> BPSYSW4, ) (kcalw1w3mean_C -> BPSYSW4, ) (energystoresw1w3mean_C -> BPSYSW4, ) (invmillssem -> BPSYSW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & pir==1, nocapslatent method(ml)
estat gof, stats(all)
estat teffects

********************************************DBP WAVE 4**************************************************

//MULTI-GROUP//

**All**

sem (FCOSTEXP -> BPDIAW4, ) (DASHDIETEXP -> BPDIAW4, ) (Agew1_C -> BPDIAW4, ) (Agew3_C -> BPDIAW4, ) (sex -> BPDIAW4, ) (race -> BPDIAW4, ) (pir -> BPDIAW4, ) (edubr2 -> BPDIAW4, ) (edubr3 -> BPDIAW4, ) (employed1 -> BPDIAW4, ) (wrattbr2 -> BPDIAW4, ) (wrattbr3 -> BPDIAW4, ) (wrattbr4 -> BPDIAW4, ) (smoke1 -> BPDIAW4, ) (smoke9 -> BPDIAW4, ) (currdrugs1 -> BPDIAW4, ) (currdrugs9 -> BPDIAW4, ) (bmi_C -> BPDIAW4, ) (SRHbr2 -> BPDIAW4, ) (SRHbr3 -> BPDIAW4, ) (kcalw1w3mean_C -> BPDIAW4, ) (energystoresw1w3mean_C -> BPDIAW4, ) (invmillssem -> BPDIAW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml)
group(finalsample)
estat ginvariant
estat gof, stats(all)
estat teffects
**By sex**

sem (FCOSTEXP -> BPDIAW4, ) (DASHDIETEXP -> BPDIAW4, ) (Agew1_C-> BPDIAW4, ) (Agew3_C -> BPDIAW4, ) (race -> BPDIAW4, ) (pir -> BPDIAW4, ) (edubr2 -> BPDIAW4, ) (edubr3 -> BPDIAW4, ) (employed1 -> BPDIAW4, ) (wratbr2 -> BPDIAW4, ) (wratbr3 -> BPDIAW4, ) (wratbr4 -> BPDIAW4, ) (smoke1 -> BPDIAW4, ) (smoke9 -> BPDIAW4, ) (currdrugs1 -> BPDIAW4, ) (currdrugs9 -> BPDIAW4, ) ( bmi_C -> BPDIAW4, ) (SRHbr2 -> BPDIAW4, ) (SRHbr3 -> BPDIAW4, ) (kcalw1w3mean_C -> BPDIAW4, ) (energystoresw1w3mean_C -> BPDIAW4, ) (invmillssem -> BPDIAW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) ( bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1, nocapslatent method(ml) group(sex)

estat ginvariant

**By race**

sem (FCOSTEXP -> BPDIAW4, ) (DASHDIETEXP -> BPDIAW4, ) (Agew1_C-> BPDIAW4, ) (Agew3_C -> BPDIAW4, ) (sex -> BPDIAW4, ) (pir -> BPDIAW4, ) (edubr2 -> BPDIAW4, ) (edubr3 -> BPDIAW4, ) (employed1 -> BPDIAW4, ) (wratbr2 -> BPDIAW4, ) (wratbr3 -> BPDIAW4, ) (wratbr4 -> BPDIAW4, ) (smoke1 -> BPDIAW4, ) (smoke9 -> BPDIAW4, ) (currdrugs1 -> BPDIAW4, ) (currdrugs9 -> BPDIAW4, ) ( bmi_C -> BPDIAW4, ) (SRHbr2 -> BPDIAW4, ) (SRHbr3 -> BPDIAW4, ) (kcalw1w3mean_C -> BPDIAW4, ) (energystoresw1w3mean_C -> BPDIAW4, ) (invmillssem -> BPDIAW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) ( bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1, nocapslatent method(ml) group(race)

estat ginvariant

**By pir**

sem (FCOSTEXP -> BPDIAW4, ) (DASHDIETEXP -> BPDIAW4, ) (Agew1_C-> BPDIAW4, ) (Agew3_C -> BPDIAW4, ) (sex -> BPDIAW4, ) (race -> BPDIAW4, ) (edubr2 -> BPDIAW4, ) (edubr3 -> BPDIAW4, ) (employed1 -> BPDIAW4, ) (wratbr2 -> BPDIAW4, ) (wratbr3 -> BPDIAW4, ) (wratbr4 -> BPDIAW4, ) (smoke1 -> BPDIAW4, ) (smoke9 -> BPDIAW4, ) (currdrugs1 -> BPDIAW4, ) (currdrugs9 -> BPDIAW4, ) ( bmi_C -> BPDIAW4, ) (SRHbr2 -> BPDIAW4, ) (SRHbr3 -> BPDIAW4, ) (kcalw1w3mean_C -> BPDIAW4, ) (energystoresw1w3mean_C -> BPDIAW4, ) (invmillssem -> BPDIAW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, )
(race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, )(currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp1 = 1 , nocapslatent
method(ml) group(pir)

estat ginvariant

**************************STRATIFIED ANALYSIS**************************

//MEN//
sem (FCOSTEXP -> BPDIAW4 , ) (DASHDIETEXP -> BPDIAW4 , ) (Agew1_C-> BPDIAW4 , ) (Agew3_C -> BPDIAW4 , ) (race
-> BPDIAW4 , ) (pir -> BPDIAW4 , ) (edubr2 -> BPDIAW4 , ) (edubr3 -> BPDIAW4 , ) (employed1 -> BPDIAW4 , )
(wrattbr2 -> BPDIAW4 , )(wrattbr3 -> BPDIAW4 , )(wrattbr4 -> BPDIAW4 ,)(smoke1 -> BPDIAW4 , ) (smoke9 -> BPDIAW4 , )(currdrugs1
-> BPDIAW4 , ) (currdrugs9 -> BPDIAW4 , ) (bmi_C -> BPDIAW4 , ) (SRHbr2 -> BPDIAW4 , ) (SRHbr3 ->
BPDIAW4 , )(kcalw1w3mean_C -> BPDIAW4 , ) (energystoresw1w3mean_C -> BPDIAW4 , ) (invmillssem -> BPDIAW4 , ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP,
)(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, )(currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp2 = 1 & sex = 1 , nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

//WOMEN//
sem (FCOSTEXP -> BPDIAW4 , ) (DASHDIETEXP -> BPDIAW4 , ) (Agew1_C-> BPDIAW4 , ) (Agew3_C -> BPDIAW4 , ) (race
-> BPDIAW4 , ) (pir -> BPDIAW4 , ) (edubr2 -> BPDIAW4 , ) (edubr3 -> BPDIAW4 , ) (employed1 -> BPDIAW4 , )
(wrattbr2 -> BPDIAW4 , )(wrattbr3 -> BPDIAW4 , )(wrattbr4 -> BPDIAW4 ,)(smoke1 -> BPDIAW4 , ) (smoke9 -> BPDIAW4 , )(currdrugs1
-> BPDIAW4 , ) (currdrugs9 -> BPDIAW4 , ) (bmi_C -> BPDIAW4 , ) (SRHbr2 -> BPDIAW4 , ) (SRHbr3 ->
BPDIAW4 , )(kcalw1w3mean_C -> BPDIAW4 , ) (energystoresw1w3mean_C -> BPDIAW4 , ) (invmillssem -> BPDIAW4 , ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP,
)(pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, )
(wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, )(currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp2 = 1 & sex = 0 , nocapslatent
method(ml)

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estat gof, stats(all)
estat teffects

//WHITES//
sem (FCOSTEXP -> BPDIAW4 , ) (DASHDIETEXP -> BPDIAW4 , ) (Agew1_C-> BPDIAW4 , ) (Agew3_C -> BPDIAW4 , ) (sex -> BPDIAW4 , ) (pir -> BPDIAW4 , ) (edubr2 -> BPDIAW4 , ) (edubr3 -> BPDIAW4 , ) (employed1 -> BPDIAW4 , ) (wratbr2 -> BPDIAW4 , ) (wratbr3 -> BPDIAW4 , ) (wratbr4 -> BPDIAW4 , ) (smoke1 -> BPDIAW4 , ) (smoke9 -> BPDIAW4 , ) (currdrugs1 -> BPDIAW4 , ) (currdrugs9 -> BPDIAW4 , ) (bmi_C -> BPDIAW4 , ) (SRHbr2 -> BPDIAW4 , ) (SRHbr3 -> BPDIAW4 , ) (kcalw1w3mean_C -> BPDIAW4 , ) (energystoresw1w3mean_C -> BPDIAW4 , ) (invmillsem -> BPDIAW4 , ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillsem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//African-Americans//
sem (FCOSTEXP -> BPDIAW4 , ) (DASHDIETEXP -> BPDIAW4 , ) (Agew1_C-> BPDIAW4 , ) (Agew3_C -> BPDIAW4 , ) (sex -> BPDIAW4 , ) (pir -> BPDIAW4 , ) (edubr2 -> BPDIAW4 , ) (edubr3 -> BPDIAW4 , ) (employed1 -> BPDIAW4 , ) (wratbr2 -> BPDIAW4 , ) (wratbr3 -> BPDIAW4 , ) (wratbr4 -> BPDIAW4 , ) (smoke1 -> BPDIAW4 , ) (smoke9 -> BPDIAW4 , ) (currdrugs1 -> BPDIAW4 , ) (currdrugs9 -> BPDIAW4 , ) (bmi_C -> BPDIAW4 , ) (SRHbr2 -> BPDIAW4 , ) (SRHbr3 -> BPDIAW4 , ) (kcalw1w3mean_C -> BPDIAW4 , ) (energystoresw1w3mean_C -> BPDIAW4 , ) (invmillsem -> BPDIAW4 , ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbr2 -> DASHDIETEXP, ) (wratbr3 -> DASHDIETEXP, ) (wratbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillsem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent
method(ml)
estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> BPDIAW4 , ) (DASHDIETEXP -> BPDIAW4 , ) (Agew1_C-> BPDIAW4 , ) (Agew3_C -> BPDIAW4 , ) (sex -> BPDIAW4 , ) (race -> BPDIAW4 , ) (edubr2 -> BPDIAW4 , ) (edubr3 -> BPDIAW4 , ) (employed1 -> BPDIAW4 , ) (wratbr2
sem (FCOSTEXP -> BPDIAW4, ) (DASHDIETEXP -> BPDIAW4, ) (Agew1_C-> BPDIAW4, ) (Agew3_C -> BPDIAW4, ) (sex -> BPDIAW4, ) (race -> BPDIAW4, ) (pir -> BPDIAW4, ) (edubr2 -> BPDIAW4, ) (edubr3 -> BPDIAW4, ) (employed1 -> BPDIAW4, ) (wrattbr2 -> BPDIAW4, ) (wrattbr3 -> BPDIAW4, ) (wrattbr4 -> BPDIAW4, ) (smoke1 -> BPDIAW4, ) (smoke9 -> BPDIAW4, ) (currdrugs1 -> BPDIAW4, ) (currdrugs9 -> BPDIAW4, ) (bmi_C -> BPDIAW4, ) (SRHbr2 -> BPDIAW4, ) (SRHbr3 -> BPDIAW4, ) (kcalw1w3mean_C -> BPDIAW4, ) (energystoresw1w3mean_C -> BPDIAW4, ) (invmillssem -> BPDIAW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsampsel==1 & pir==1 , nocapslatent method(ml)

estat gof, stats(all)
estat tfeffects

*****************************HR WAVE 4********************************************
//MULTI-GROUP//
**All**

sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C-> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (race -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wrattbr2 -> HRW4, ) (wrattbr3 -> HRW4, ) (wrattbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 ->
DASHDIETEXP, (wratbbr2 -> DASHDIETEXP, ) (wratbbr3 -> DASHDIETEXP, ) (wratbbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) , nocapslatent method(ml) group(finalsample)

estat ginvariant

estat gof, stats(all)
estat teffects

**By sex**

sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (race -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wratbbr2 -> HRW4, ) (wratbbr3 -> HRW4, ) (wratbbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbbr2 -> DASHDIETEXP, ) (wratbbr3 -> DASHDIETEXP, ) (wratbbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(sex)

estat ginvariant

**By race**

sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wratbbr2 -> HRW4, ) (wratbbr3 -> HRW4, ) (wratbbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///

(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratbbr2 -> DASHDIETEXP, ) (wratbbr3 -> DASHDIETEXP, ) (wratbbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, )
(energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillsem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(race)

estat ginvariant

**By pir**

sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C-> HRW4, ) (Agew3_C-> HRW4, ) (sex -> HRW4, ) (race -> HRW4, ) (edubr2 -> HRW4, ) (eduibr3 -> HRW4, ) (employed1 -> HRW4, ) (wratibr2 -> HRW4, ) (wratibr3 -> HRW4, ) (wratibr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillsem -> HRW4, ) ///

(estat ginvariant)

*************************STRATIFIED ANALYSIS**************************

//MEN//

sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C-> HRW4, ) (Agew3_C-> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (eduibr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wratibr2 -> DASHDIETEXP, ) (wratibr3 -> DASHDIETEXP, ) (wratibr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillsem -> DASHDIETEXP, ) if finalsample==1 , nocapslatent method(ml) group(pir)

(estat ginvariant)

..............................STRATIFIED ANALYSIS..............................

//WOMEN//
sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (race -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wrattbr2 -> HRW4, ) (wrattbr3 -> HRW4, ) (wrattbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (race -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent method(ml)
estat gof, stats(all)
estat tffects

//WHITES//
sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wrattbr2 -> HRW4, ) (wrattbr3 -> HRW4, ) (wrattbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, ) (smoke9 -> DASHDIETEXP, ) (currdrugs1 -> DASHDIETEXP, ) (currdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, ) (SRHbr2 -> DASHDIETEXP, ) (SRHbr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent method(ml)
estat gof, stats(all)
estat tffects

//African-Americans//
sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (pir -> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wrattbr2 -> HRW4, ) (wrattbr3 -> HRW4, ) (wrattbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (currdrugs1 -> HRW4, ) (currdrugs9 -> HRW4, ) (bmi_C -> HRW4, ) (SRHbr2 -> HRW4, ) (SRHbr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, ) (invmillssem -> HRW4, ) ///
(FCOSTEXP -> DASHDIETEXP, ) (Agew1_C -> DASHDIETEXP, ) (Agew3_C -> DASHDIETEXP, ) (sex -> DASHDIETEXP, ) (pir -> DASHDIETEXP, ) (edubr2 -> DASHDIETEXP, ) (edubr3 -> DASHDIETEXP, ) (employed1 -> DASHDIETEXP, ) (wrattbr2 -> DASHDIETEXP, ) (wrattbr3 -> DASHDIETEXP, ) (wrattbr4 -> DASHDIETEXP, ) (smoke1 -> DASHDIETEXP, )
(smoke9 -> DASHDIETEXP, ) (curdrugs1 -> DASHDIETEXP, ) (curdrugs9 -> DASHDIETEXP, ) (bmi_C -> DASHDIETEXP, )
(SRBr2 -> DASHDIETEXP, ) (SRBr3 -> DASHDIETEXP, ) (kcalw1w3mean_C -> DASHDIETEXP, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsamp=1 & race=1, nocapslatent
method(ml)

estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (race
-> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wratbr2 -> HRW4, ) (wratbr3 -> HRW4, )
(wratbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (curdrugs1 -> HRW4, ) (curdrugs9 -> HRW4, ) (bmi_C ->
HRW4, ) (SRBr2 -> HRW4, ) (SRBr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, )
(invmillssem -> HRW4, )))

(estat gof, stats(all)
estat teffects

//ABOVE POVERTY//
sem (FCOSTEXP -> HRW4, ) (DASHDIETEXP -> HRW4, ) (Agew1_C -> HRW4, ) (Agew3_C -> HRW4, ) (sex -> HRW4, ) (race
-> HRW4, ) (edubr2 -> HRW4, ) (edubr3 -> HRW4, ) (employed1 -> HRW4, ) (wratbr2 -> HRW4, ) (wratbr3 -> HRW4, )
(wratbr4 -> HRW4, ) (smoke1 -> HRW4, ) (smoke9 -> HRW4, ) (curdrugs1 -> HRW4, ) (curdrugs9 -> HRW4, ) (bmi_C ->
HRW4, ) (SRBr2 -> HRW4, ) (SRBr3 -> HRW4, ) (kcalw1w3mean_C -> HRW4, ) (energystoresw1w3mean_C -> HRW4, )
(invmillssem -> HRW4, )))
