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Longitudinal Associations between Monetary Value of the Diet, DASH Diet Score and the Allostatic Load among Middle-Aged Urban Adults

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Abstract: Lower cost can lead to poorer-quality diets, potentially worsening metabolic profiles. We explored these pathways among urban adults. Longitudinal data were extracted from 1224–1479 participants in the Healthy Aging in Neighborhoods of Diversity across the Life Span (HANDLS) study. $DASH_{(mean)}$ (Dietary Approaches to Stop Hypertension) score was computed using four 24 h recalls (v1/v2: 2004–2013) linked with a national food price database to estimate monetary value of the diet [$MVD_{(mean)}$]. Allostatic load (AL) was measured at visits 2 (v2) and 3 (v3) in 2009–2018. Mixed-effects regression and structural equation modeling (SEM) were conducted, linking $MVD_{(mean)}$/$DASH_{(mean)}$ to AL [v2 and annual change(v3–v2)] and exploring mediating pathways between $MVD_{(mean)}$ and $AL_{(v3)}$ through $DASH_{(mean)}$, stratifying by sex, race and poverty status. $MVD_{(mean)}$ tertiles were linearly associated with contemporaneous $DASH_{(mean)}$, after energy adjustment. In mixed-effects regression models, $DASH_{(mean)}$ was consistently linked to lower $AL_{(v2)}$. $DASH_{(mean)}$ and $MVD_{(mean)}$ were positively associated with higher serum $albumin_{(v2)}$. In SEM, $MVD_{(mean)}$ was linked to $AL_{(v3)}$ through $DASH_{(mean)}$, mainly among Whites and specifically for the cholesterol and Waist-Hip-Ratio AL components. In summary, energy and other covariate-adjusted increase in MVD may have a sizeable impact on DASH which can reduce follow-up AL among urban White middle-aged adults. More studies are needed to replicate findings in comparable samples of urban adults.

Keywords: monetary value of diet; DASH diet; allostatic load; urban adults

1. Introduction

Dietary patterns are important predictors of allostatic load (AL), an indicator of multisystem physiological dysregulation over the life course [1]. The Dietary Guidelines for Americans (DGA) detail US federal recommendations for optimal quality of the total diet, while the Healthy People

objectives set benchmarks for the everyday application of these guidelines [2]. The objectives outlined in the Healthy People 2020 and the Dietary Guidelines for Americans [3] provide evidence-based information on healthfulness of diets, including the DASH (Dietary Approaches to Stop Hypertension) Eating Plan [4]. Thus, various indices have been developed to measure adherence to the DASH dietary pattern [5]. The DASH diet [6,7] has been shown to improve or reduce cardiovascular [7], metabolic [8,9] and inflammatory [10] components of AL. Despite this evidence, the DASH diet has not been widely adopted amongst US individuals with hypertension [11]

One of the reasons the DASH diet has not been adopted is financial constraints, which determine food expenditure relative to other portions of household expenditures [12]. Indeed, most studies indicate a direct relationship between the monetary value of the diet (MVD) and diet quality (or an inverse relationship with consumption of energy-dense foods) [13–44] however this finding was not replicated in other studies [45–49]. In fact, accordance with the DASH dietary pattern is associated with higher dietary costs, [50,51] and higher income level; [51] while higher socioeconomic status (SES) retail environments are associated with greater availability of DASH foods [52]. This was substantiated by a review of the literature indicating an inverse association between SES and AL, which was measured with heterogenous biomarkers [53–55].

Within National Health and Nutrition Examination Survey (NHANES) data, poverty status, lower education, lower income gradients, and inferior neighborhood socioeconomic status were associated with increasing AL [53]. Based on research suggesting that, firstly, there is a direct link between SES (or MVD) and DASH diet adherence, and second, an inverse association between DASH diet and AL, healthy dietary patterns (such as DASH diet) may mediate the pathway from low SES to increased AL [56]. To our knowledge, the present study is the first to examine the net association between cumulative exposure to MVD and DASH diet scores over five years and rates of change and follow-up AL across sex, race and poverty status, using data from a large sample of low-income urban US adults, the Healthy Aging in Neighborhoods of Diversity across the Life Span (HANDLS). We hypothesize that the association between MVD and AL will be mediated by the DASH diet score.

2. Materials and Methods

2.1. Database

HANDLS is an ongoing prospective cohort study initiated in 2004. It focuses primarily on disparities in cardiovascular and cognitive health of a socioeconomically diverse sample of Whites and African-Americans aged 30–64 y at baseline and living in selected neighborhoods of Baltimore, Maryland. In brief, HANDLS used an area probability sampling strategy of thirteen neighborhoods, with details provided elsewhere [57]. Phase 1 of the baseline visit conducted between 2004 and 2009 [also known as (aka) visit 1] consisted of screening followed by recruitment, household interviews, a first 24 h dietary recall, while phase 2 of this baseline visit (also 2004–2009) consisted of the second 24 h dietary recall and in-depth examinations in mobile Medical Research Vehicles (MRV), including measurements of blood pressure, anthropometrics and a fasting blood draw among others. Two 24-h recalls were also collected at the follow-up visit [aka visit 2: 2009–2013] as were most of the measurements on the MRV. The final outcome, AL was measured at visits 2 and 3 (2009–2013 and 2013–2018), using at each visit a combination of blood pressure, anthropometric and laboratory data. All clinical laboratory indices were obtained at the Quest Diagnostics (Chantilly, VA, USA). Mean follow-up time (years) ± SD was 4.19 ± 1.47 (range: 0.58–7.45) between visits 2 and 3, among participants with complete dietary data at visits 1 and 2 and complete AL data at visit 3.

Participants provided written informed consent after reviewing a protocol booklet written in layman's terms and watching a video detailing all procedures and future re-contacts. HANDLS study was approved ethically by the Institutional Review Board of the National Institutes of Health, National Institute of Environmental Health Sciences (NIEHS/NIH).

2.2. Study Sample

Of the original HANDLS sample selected at visit 1 (N = 3720), 2177 had complete data on two 24-h dietary recalls at baseline collected both at Phase 1 (household visit), and Phase 2 (MRV visit). At visit 2, N = 2140 completed two 24 h dietary recalls, and for both visits 1 and 2, N = 1516. From these dietary data, DASH diet score and MVD were estimated, as means between visits 1 and 2. No further exclusions were made for mixed-effects regression models with AL as the outcome (i.e., complete at visits 2 or 3), whereby a sample of N = 1516 was available. For SEM models, whereby AL at visit 3 was the final outcome, data was available on N = 1252. Accounting for missing data on covariates, the final analytic sample for SEM models consisted of N = 1224, while for mixed models, it consisted of 1479 participants and 2703 observations (Figure S1).

2.3. Dietary Assessment

At each of two visits (1 and 2), two 24-h dietary recalls were collected using the US Department of Agriculture (USDA) Automated Multiple Pass Method, a well-established computerized structured interview [58]. Several measurement aids were utilized, including measuring cups, spoons, rulers, and an illustrated Food Model Booklet which allowed participants to report accurate food and beverage quantities that were consumed. During the visit 1 study period (2004–2009), both recalls were administered in person by trained interviewer, 4 to 10 days apart. During the visit 2 study period (2009–2013), the second 24 h recall was administered by telephone interview, whereby participants had a copy of the illustrated food model booklet, while the first was conducted during the MRV visit. Trained nutrition professionals coded the dietary recalls using the Survey Net statistical software, [59] in order to match foods consumed with 8-digit codes identified in the Food and Nutrient Database for Dietary Studies (FNDDS) version 3.0 for baseline visit 1 and version 5 for the follow-up visit 2 [60].

2.4. Key Outcome Measure

A total AL score was computed using a method described in a previous study (Method S1) [1]. AL total score components are cardiovascular (systolic and diastolic blood pressure, pulse rate), metabolic (total cholesterol, high-density lipoprotein-cholesterol (HDL-C), glycosylated Hb, sex-specific waist-to-hip ratio) and inflammatory [albumin and high-sensitivity C-reactive protein (hsCRP)] risk indicators. The clinical criteria used for each risk indicator is summarized in Table 1 of Method S1. Indicators were summed with equal weighting to compute total AL score (range: 0–9). Contract laboratories measured total cholesterol (mg/dL), HDL-cholesterol (mg/dL), CRP (mg/dL), albumin (g/dL) and glycosylated hemoglobin (%) using reference analytical methods. Trained examiners measured waist-to-hip ratio, radial pulse (beats/min), and systolic and diastolic blood pressure (mmHg) using standard protocols. Specifically, blood pressure was measured using a mercury sphygmomanometer [61]. The arithmetic mean of three systolic and diastolic pressures was used in the analysis. AL at visits 2, 3 and means across both visits were estimated.

Table 1. Study sample characteristics by tertile of mean monetary value of diet (MVD (mean), $/day), HANDLS 2004–2013 [c].

	MVD (mean) Tertiles ($/day) [a]			
	T_1	T_2	T_3	p [b]
	(N = 416)	(N = 407)	(N = 401)	
Range, $/day:	3.83 ± 0.72	5.77 ± 0.56	9.16 ± 2.43	<0.001
Monetary value of diet and energy intakes				
Monetary value of diet at baseline, $/day (X ± SE)	3.8 ± 0.03	5.7 ± 0.03 *	9.2 ± 0.12 *	<0.001
Monetary value of diet at follow-up, $/day (X ± SE)	5.1 ± 0.08	6.0 ± 0.10 *	7.4 ± 0.13 *	<0.001
Monetary value of diet (mean), $/day (X ± SE) [a]	3.8 ± 0.04	5.8 ± 0.03 *	9.2 ± 0.12 *	<0.001
Energy intake at baseline, kcal/day (X ± SE)	1324 ± 20	1904 ± 24 *	2820 ± 53 *	<0.001
Energy intake at follow-up, kcal/day (X ± SE)	1706 ± 31	2058 ± 36 *	2472 ± 51 *	<0.001
Energy intake (mean), kcal/day (X ± SE) [a]	1515 ± 20	1981 ± 23 *	2646 ± 44 *	<0.001
Baseline socio-demographic and SES variables				
Sex, % male	23.3	37.1	57.6	<0.001
Age at baseline, yrs. (X ± SE)	48.6 ± 0.4	48.5 ± 0.5	47.0 ± 0.4 *	0.023
Age at first follow-up, yrs. (X ± SE)	53.3 ± 0.4	53.2 ± 0.5	51.8 ± 0.4 *	0.026
Age at second follow-up, yrs. (X ± SE)	57.4 ± 0.4	57.3 ± 0.5	56.1 ± 0.4	0.070
African-American, %	68.5	59.7	48.9	<0.001
Poverty status, % (<125% PIR)	43.8	39.6	37.4	0.170
Education, yrs. Completed, %				
<HS	7.2	6.1	5.7	0.003
HS	64.2	54.6	52.6	
>HS	28.4	39.3	41.7	
Literacy, WRAT-3 score				<0.001
<36, %	26.2	19.9	16.1	
37–40, %	18.5	14.9	12.7	
41–46,%	30.3	27.3	25.7	
≥47, %	25.0	37.8	45.4	
% Unemployed in last month, yes	37.9	29.7	28.2	0.033
% Unemployment in last month, missing	17.1	19.7	19.7	
Baseline drug and tobacco use				
Any drug, current user, %	40.9	42.0	53.9	0.001
Any drug, missing, %	7.5	8.9	7.5	
Tobacco, current user, %	41.6	36.6	41.7	0.529
Tobacco, missing, %	8.9	10.8	9.7	
Baseline body mass index, kg/m^2 (X ± SE)	30.7 ± 0.4	30.5 ± 0.4	29.1 ± 0.4 *	0.006
Baseline self-rated health				0.873
Poor/Average, %	23.3	20.6	21.2	
Good, %	40.1	43.0	41.4	
Very good/Excellent %	36.5	36.4	37.4	
Baseline energy from grocery stores (X ± SE)	1031 ± 21	1436 ± 27 *	2175 ± 53 *	<0.001
Follow-up energy from grocery stores (X ± SE)	1297 ± 28	1542 ± 33 *	1905 ± 49 *	<0.001
Mean energy from grocery stores (X ± SE)	1164 ± 18	1489 ± 24 *	2040 ± 43 *	<0.001
DASH total score at baseline (X ± SE)	1.70 ± 0.06	1.68 ± 0.06	1.78 ± 0.07	0.62

Table 1. *Cont.*

	MVD (mean) Tertiles ($/day) [a]			
	T_1	T_2	T_3	p [b]
	(N = 416)	(N = 407)	(N = 401)	
DASH total score at first follow-up (X ± SE)	1.79 ± 0.06	1.69 ± 0.06	1.81 ± 0.06	0.30
DASH total score (mean) (X ± SE)	1.75 ± 0.04	1.68 ± 0.05	1.79 ± 0.06	0.33
AL at first follow-up (X ± SE)	1.97 ± 0.06	2.06 ± 0.06	1.87 ± 0.07	0.10
AL at second follow-up (X ± SE)	1.96 ± 0.06	2.03 ± 0.06	1.89 ± 0.06	0.26
AL annual rate of change (X ± SE)	0.000 ± 0.02	−0.020 ± 0.020	−0.004 ± 0.16	0.75
AL total (mean)	1.97 ± 0.05	2.04 ± 0.06	1.88 ± 0.06	0.095

Abbreviations: AL = Allostatic load; DASH = Dietary Approaches to Stop Hypertension; HANDLS = Healthy Aging in Neighborhood of Diversity across the Lifespan; HS = High school; MVD = Monetary value of the diet; PIR = Poverty income ratio; SE = standard error; T = tertile; WRAT-3 = Wide Range Achievement Test, 3rd revision; X = mean. [a] The monetary value of the diet (MVD) was estimated for each HANDLS visit using the HOMESCAN database at the annual and quarterly level for each food group. This was summed across individual dietary recall and averaged across individual participant in each visit. MVD is measured as mean across visits 1 and 2. This was similarly done for energy intake (kcal/day) and % energy from grocery stores. [b] p-value from one-way analysis of variance (ANOVA, continuous variables) or from χ^2 test (categorical variables). * $p < 0.05$, post-hoc Bonferroni corrected t-test for null hypothesis of no between-tertile differences, taking T_1 as the referent. [c] 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.

2.5. Key Exposure Measures

2.5.1. Dietary Approaches to Stop Hypertension (DASH)

The score for DASH diet adherence was determined for each participant using the formula reported by Mellen et al. [11]. The DASH score is subdivided into nine target nutrients, specifically total fat, saturated fat, protein, fiber, cholesterol, calcium, magnesium, sodium and potassium. Micronutrient goals were expressed per 1000 kcal. The total DASH score was generated by the sum of all nutrient targets met: a value 1 was assigned if the participant achieved the DASH target for a nutrient, a value of 0.5 was achieved if the intermediate target was achieved, and a value of zero was assigned if neither target was met. DASH adherence (not considered in this study) was defined by a total score ≥4.5 out of 9 [11]. Those estimates were subsequently averaged to obtain the mean DASH total and component scores for both days combined for each of two visits: $DASH_{(mean)} = [DASH_{(v1)} + DASH_{(v2)}]/2$.

2.5.2. Monetary Value of Diet (MVD) Estimation

The Global Food Research Program at University of North Carolina's (UNC) Packaged Food Purchase and Price Database, 2004–2013, provides average national and market-specific prices of ~3700 foods in "as-purchased" form per quarter [62,63]. The database was generated by linking food and beverage purchase data from the Nielsen Homescan Consumer Panel to Nutrition Facts Panel data from various sources including the Mintel Global New Products Database [64,65]. The detailed design of the Homescan study is provided in Method S2. Products were categorized at the barcode-level into the 34 foods and 8 beverages UNC Homescan groups based on nutritional content and consumption patterns; using a methodology previously described [66]. Market-specific price per 100 g for each food group in each quarter was calculated by dividing the survey-weighted dollars spent by weighted volume of purchases for all products in a given food group by households in that market during the quarter [62]. To account for inflation and allow comparability over time, the average real prices of each food group for all households was scaled to the first quarter of 2004. The 8-digit codes in the Food and Nutrient Database for Dietary Studies (FNDDS) versions 4.1, 5.0 and 2011–2012 reported by NHANES participants from stores or vending in 2007–2008 to 2011–2012 were matched to UNC Homescan food

groups to generate food prices per 100 g at the national level for about 3700 FNDDS food codes from 1,934,441 barcoded products (814,481 unique Nutrition Facts Panel records).

The linkage between NHANES FNDDS data and the UNC Homescan food groups facilitated the calculation of MVD per day estimates from HANDLS FNDDS grouping. To this end, a team of trained RD-MPH fulltime staff did this linkage over a several years period with Robert Wood Johnson Foundation and later using NIH funding. This involved reconstituting and cooking many foods and doing other changes to shift as purchased to as consumed. It also involved thousands of hours in work to link the foods with the correct FCT number. Details on the method are found in this paper [67]. Due to the limited linkage between Homescan food prices with NHANES 2007–2008 and 2011–2012, half of the remaining FNDDS codes reported by HANDLS participants were imputed by matching computed food groups for HANDLS (60 food and beverage groups) with 42 food and beverage groups computed by UNC. For the remaining codes without a match, the nearest neighbor code was used for imputation. The result was the harmonization of all HANDLS FNDDS food codes into one of the 42 UNC food groups linked to a singular food price, given the year and quarter in which they were reported. The imputation techniques were validated by the similar prevalence of high rank food groups in both imputed and non-imputed observations (Method S3). Within individual HANDLS ID, total cost was measured by adding individual food prices given the amount consumed per food code per recall. The estimated MVD per individual across visits was calculated as average MVD across the four recalls: $MVD_{(mean)} = [MVD_{(v1)} + MVD_{(v2)}]/2$.

2.6. Covariates

The baseline or fixed covariates considered as potential confounders and/or effect modifiers included age, sex, race (White vs. African American), completed years of education (<High School (HS); HS and >HS), literacy [Wide Range Achievement Test, third version (WRAT-3) total score], poverty status, a design-based binary variable in HANDLS based on poverty income ratio (PIR < 125%: below poverty; PIR ≥ 125%: above poverty), current tobacco smoking status (0: "never or former smoker" and 1 "current smoker") and current drug use (0:"never or former drug user and 1 "current drug user"). Illicit drugs included in this measure were marijuana, opiates and coke. Current drug use had a time frame of 6 months or less. The reading subtest of the Wide Range Achievement Test-3rd Edition (WRAT-3), a widely validated measure of literacy, assessed participants' ability to recognize and name letters and words, with a total score computed as "total correctly pronounced letters + total correctly pronounced words" [68]. Other baseline covariates included employment status, body mass index (weight/squared-height, $kg \cdot m^{-2}$) and self-rated health (0: Poor/fair, 1: Good, 2: Very good/excellent). All these covariates have been shown to be associated with dietary quality, including elements of the DASH score, MVD and several metabolic disturbances included in the AL measure [38,67,69–71]. Since the MVDs were based on estimated prices of foods as sold in grocery stores and prepared at home rather than away-from-home setting, all models were adjusted for the % of energy consumed at home. Additionally, energy intake (kcal/day) from total diet was adjusted for in all regression models, including mixed-effects and SEM models. The mean values across the first two visits were used rather than baseline values for energy intakes (total and from grocery stores).

2.7. Data Handling and Statistical Analysis

Stata release 15.0 (StataCorp, College Station, TX, USA) was used to complete all statistical analyses [72]. First, study sample characteristics were assessed by tertiles of mean MVD ($MVD_{(mean)}$ tertile). To test linear trend relationship between MVD tertiles and continuous characteristics, a bivariate ordinary least square (OLS) regression was used with MVD entered as an ordinal predictor of each continuous variable of interest. Associations between categorical study characteristics and MVD tertiles were evaluated with χ^2 tests. Second, linear regression models were conducted to test associations between $MVD_{(mean)}$ and DASH total scores across socio-demographic groups, with two models presented: Model 1 (Crude); Model 2 [adjusted for total caloric intake: $(kcal_{v1} + kcal_{v2})/2$]. Third,

multiple linear mixed-effects regression models were conducted to test associations between $MVD_{(mean)}$, $DASH_{(mean)}$ and longitudinal change in the AL between first and second follow-up, adjusting for baseline and fixed characteristics that are listed in the Covariates section, including socio-demographic, lifestyle and health-related factors. Each model included *TIME* [set at zero for visit 2 AL, and time elapsed to visit 3 AL] and 2-way interaction terms between *TIME* and key exposures (MVD and DASH scores) and between *TIME* and each of the covariates. Those interaction terms are interpreted as the effects of exposures and covariates on the slope or annual rate of change in the AL (between 2009–2013 and 2013–2018). Main effects of exposures and covariates were also included in each model and are interpreted as effects of those variables on baseline outcome, in this case AL at visit 2. To ease interpretation of the intercept, continuous exposures and covariates were centered at their mean. Repeated outcome measures ranged between 1 and 2, with a mean of 1.8 visits per participant. We assumed the unavailability of outcomes to be missing at random (Method S4) [73]. In the overall sample, three models were ran: Model 1 (Both MVD and DASH), Model 2 (MVD alone) and Model 3 (DASH alone). In addition to the overall models, mixed-effects regression models were stratified separately by sex, race and poverty status. Heterogeneity in the effect of exposure on change in outcome was formally tested by adding 2-way and 3-way interaction terms between sex/race/poverty status, *TIME* and exposure (MVD/DASH).

AL at visit 3 was considered as an endogenous variable that was potentially associated with both $MVD_{(mean)}$ and $DASH_{(mean)}$. To test mediation, two methods were used. First, structural equations models (SEM) were carried out whereby $MVD_{(mean)}$, socio-demographic, lifestyle and health-related factors (see covariates section) were exogenous to $DASH_{(mean)}$ and AL (see Equations (1)–(3).

$$zMVD(mean) = \sum_{i=1}^{k} \alpha_{Z_{i_{1i}}} Z_i + e_1 \quad (1)$$

$$zDASH(mean) = \alpha_{21} zMVD(mean) + \sum_{i=1}^{k} \alpha_{Z_{i_2}} Z_i + e_2 \quad (2)$$

$$zAL(v3) = \alpha_{31} X + \alpha_{32} zDASH(mean) + \sum_{i=1}^{k} \alpha_{Z_{i_3}} Z_i + e_3 \quad (3)$$

where $zMVD_{(mean)}$ is the standardized score of mean MVD between visits 1 and 2, $zAL_{(v3)}$ stands for AL at visit 3 (also as standardized z-score), $zDASH_{(mean)}$ is standardized z-score for mean DASH scores between visits 1 and 2, and i is the number of covariate terms included, Z_i is a vector of socio-demographic, lifestyle and health-related variables (see Covariates section). Based on Equations (1)–(3): α_{31} = direct effect; $\alpha_{21} \times \alpha_{32}$ = indirect effect; total effect = $\alpha_{31} + \alpha_{21} \times \alpha_{32}$ [67,74].

Second, when relaxing the assumption of additivity (RAA) between $zMVD_{(mean)}$ and the $zDASH_{(mean)}$ score by including an interaction term, we further computed four estimates with their SEE and *p*-values, namely the controlled direct effect (CDE), the natural direct effect (NDE), the natural indirect effect (NIE) and the marginal total effect (MTE). Details about this latter approach are provided elsewhere [75]. The CDE is the effect of setting X [i.e., $zMVD_{(mean)}$] to 1 versus 0 (i.e., 1 SD higher than the mean vs. the mean) while controlling M to some defined reference value *m*. In this case, M is the continuous $zDASH_{(mean)}$ which is set at a value close to the mean, namely zero. The NDE is the same setting of the exposure X, but this time M ($zMVD_{(mean)}$) is set not to a single pre-defined value m, but instead a value that is potentially distinct for every person in the data set. It is the value that m would have taken at the referent value of the exposure (in this case, the exposure level that is at the mean). The NIE is the outcome contrast observed when holding exposure X [i.e., $MVD_{(mean)}$] constant at its mean, and contrasting two different M [$DASH_{(mean)}$] values: the value of the $DASH_{(mean)}$ score that would be observed for that person under the X value [$MVD_{(mean)}$] of the population mean and the value of DASH that would be observed for that person under the 1 SD higher X value. The total

effect is the sum of the NIE and the NDE. It is the total effect of varying X by 1 SD, irrespective of M (or the DASH score) [73]. In both methods, mediation was determined by the statistical significance and direction of the indirect effect at a type I error of 0.05 and was interpreted based on the direction of that indirect effect (+ or −). It is expected that MVD would have an inverse association with AL through DASH. A sensitivity analysis was conducted for each $DASH_{(mean)}$ component with the final outcome being $AL_{(v3)}$. No RAA was assumed in these models and thus interaction terms were excluded. All models were conducted overall, and stratified separately by sex, race, and poverty status.

The non-random selection of participants with complete data from the target study population can often lead to selection bias. To account for this type of bias, a 2-stage Heckman selection model was constructed, [76] using a probit model to obtain an inverse Mills ratio at the first stage (derived from the predicted probability of being selected out of the sample with complete 24 h recalls at baseline (N = 2177, see Figure S1), conditional on the covariates in the probit model, mainly baseline age, sex, race, poverty status and education), as was done in earlier studies [77–79]. Specifically, participants included the final analytic sample used for the mixed-effects linear regression models (N = 1480) differed from the remaining sample of out of the initial N = 3720 by having a smaller proportion male (40% vs. 48%, $p < 0.05$) and a greater proportion with >HS education (36% vs. 27%, $p < 0.05$). Similar patterns of socio-demographic differences were noted when comparing the final analytic sample used for SEM models to the excluded group from the initial sample (N = 3720).

Type I error was set at 0.05 for main effects and 0.10 for interaction terms due to the latter's reduced statistical power compared to the former [80]. Methods S4 and S5 provide description of the mixed-effects regression models and the Stata syntax for the entire analysis, respectively.

3. Results

3.1. Characteristics of Study Participants by MVD Tertiles

Table 1 presents crude sample characteristic distribution by tertiles of mean MVD between visits 1 and 2. Most notably, higher MVD was inversely related to the proportion African-American and to age at all visits, while being directly related to the proportion male. In addition, higher MVD was linked to higher SES in terms of poverty status, education and literacy and employment status. It was also directly linked to drug use, but inversely related to body mass index (BMI). The higher the MVD, the greater the total energy and energy consumed from grocery stores. Overall, no linear crude association was detected between $MVD_{(mean)}$ tertiles and DASH total score (v1, v2 and mean) and between $MVD_{(mean)}$ tertiles and AL measured at either visits (or mean).

3.2. DASH Diet Score by MVD Tertiles: Crude and Energy-Adjusted

When examining the stratum-specific association between MVD and DASH total score (means: v1/v2), in Table 2, we found a direct linear dose-response relationship after adjustment for mean energy intake. The crude model detected a positive association between MVD and total DASH score only among women ($p < 0.05$ for sex × MVD tertile interaction).

Table 2. MVD (mean) tertiles as predictors of DASH (mean) total score, stratifying by sex, race and poverty status: multiple ordinary least square and logistic regression models, HANDLS 2004–2013 [d].

	Model 1: MVD (Mean) Tertiles ($/day) [a]			**Model 2: MVD (Mean) Tertiles ($/day) [a]**		
	β ± SE (T_2 vs. T_1)	**β ± SE (T_3 vs. T_1)**	**P-Trend [b]**	**β ± SE (T_2 vs. T_1)**	**β ± SE (T_3 vs. T_1)**	**P-Trend [b]**
DASH total score						
Overall	−0.07 ± 0.07	0.04 ± 0.07	0.57	+0.21 ± 0.07 **	+0.72 ± 0.09 ***	<0.001
Men	−0.13 ± 0.11	−0.11 ± 0.11	0.39	+0.06 ± 0.12	+0.34 ± 0.01 **	0.004
Women	−0.001 ± 0.09	+0.35 ± 0.11 **,[c]	0.003	+0.31 ± 0.09 **	+1.04 ± 0.12 ***	<0.001
Whites	−0.25 ± 0.13	0.09 ± 0.13	0.29	+0.03 ± 0.13	+0.68 ± 0.15 ***	<0.001
AA	−0.002 ± 0.08	−0.16 ± 0.09	0.094	+0.26 ± 0.08 **	+0.54 ± 0.11 ***	<0.001
Above poverty	0.02 ± 0.10	0.05 ± 0.09	0.62	+0.31 ± 0.10 **	+0.76 ± 0.11 ***	<0.001
Below poverty	−0.21 ± 0.11	0.02 ± 0.11	0.99	+0.05 ± 0.11	+0.65 ± 0.13 ***	<0.001

Abbreviations: DASH = Dietary Approaches to Stop Hypertension; HANDLS = Healthy Aging in Neighborhood of Diversity across the Lifespan; MVD = Monetary value of the diet, SE = Standard error. *** $p < 0.001$, ** $p < 0.010$, * $p < 0.05$ for null hypothesis that β = 0 (i.e., T_2 vs. T_1 and/or T_3 vs. T_1). [a] Values are regression coefficients and their standard errors (β ± SE) from a linear regression model with Y = mean DASH total score and the key predictor being tertile of mean MVD, contrasting the middle tertile with the lowest tertile (T_2 vs. T_1) and the uppermost tertile with the lowest tertile (T_3 vs. T_1). Model 1 is the crude association, while Model 2 further adjusted for energy intake (mean of visits 1 and 2). [b] P-trend was derived from a similar model as in a, but with the key predictor MVD tertiles entered as a single ordinal variable rather than two dummy variables. [c] P < 0.05 for null hypothesis that the term sex*MVD = 0 in a separate un-stratified regression model in which this interaction term was added. [d] 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.

3.3. DASH Diet Score, MVD and Allostatic Load (AL) over Time: Mixed-Effects Regression Models

The mixed models in Table 3 depict the cross-sectional and longitudinal associations of MVD and DASH total score (mean, v1/v2) with AL and its components (measured repeatedly at v2 and 3). Overall, a better dietary quality (higher DASH score) was associated with a lower baseline AL, after adjusting for all potential confounders, including MVD, whose direct association with AL was a positive one in Model 1. The total effect of MVD on baseline AL (Model 2) was not detectable, while the DASH diet score was inversely related to AL (Model 3) without adjustment for MVD. For components of AL, MVD was positively associated with baseline albumin levels, reflecting lower AL, overall, among African-Americans and among individuals living above poverty. A higher DASH score in the total sample was also directly associated with baseline serum albumin, reflecting lower AL. While DASH total score was linked to lower HbA1c among men and slower increase in HbA1c over time among women, the results were not indicative of a protective direct effect of MVD on this outcome. Heterogeneity by sex, race and poverty status was found for both cross-sectional and longitudinal associations of MVD/DASH with AL and its components.

3.4. DASH Diet Score as Mediator between MVD and AL at Last Visit: Relaxing the Assumption of Additivity (RAA) and Structural Equation Modeling (SEM) Mediation Models

Using a mediation model (RAA, Table 4), we found that only among Whites, the natural indirect effect was statistically significant, indicating the existence of a pathway whereby an inverse relationship between $MVD_{(mean)}$ and $AL_{(v3)}$ was completely mediated through $DASH_{(mean)}$. In the sensitivity analysis, this was consistently the case for the fiber, magnesium and potassium components of DASH (data not shown). Without RAA (Table 5), the results were very similar in the SEM models, stratified by socio-demographic factors, although the significant indirect effect was also found in the total sample. This result was mostly driven by a complete mediation of the inverse relationship between MVD and total serum cholesterol (CHOL) and MVD and WHR through a higher DASH diet score among Whites.

Table 3. $MVD_{(mean)}$ and $DASH_{(mean)}$ total score as predictors of first follow-up and rate of change in Allostatic Load (AL and components), overall and stratifying by sex, race and poverty status: multiple linear mixed-effects regression models, HANDLS 2004–2018 [a,d].

	Overall	**Men**	**Women**	**Whites**	**African-Americans**	**Below Poverty**	**Above Poverty**
Allostatic Load (AL)	**(n = 1479; k = 1.8)**	**(n = 600; k = 1.8)**	**(n = 879; k = 1.8)**	**(n = 590; k = 1.8)**	**(n = 889; k = 1.8)**	**(n = 605; k = 1.8)**	**(n = 874; k = 1.8)**
Model 1:							
Intercept	+2.73 ± 0.27 ***,b	+3.36 ± 0.36 ***,b	+2.34 ± 0.34 ***,b	+2.38 ± 0.37 ***,b	+2.11 ± 0.75 *,b	+2.50 ± 0.36 ***,b	+2.00 ± 0.73 **,b
TIME	+0.00 ± 0.07	−0.19 ± 0.10 *,b	−0.01 ± 0.09	+0.06 ± 0.11	+0.16 ± 0.18	+0.09 ± 0.10	+0.16 ± 0.19
$MVD_{(mean)}$	+0.03 ± 0.02 *,b	+0.01 ± 0.02 [c]	*+0.05 ± 0.02* [c]	+0.03 ± 0.02	+0.04 ± 0.02	+0.03 ± 0.03	+0.03 ± 0.02
$MVD_{(mean)}$ × TIME	+0.002 ± 0.004	+0.005 ± 0.006	+0.001 ± 0.006	+0.004 ± 0.006	+0.002 ± 0.006	+0.01 ± 0.01	−0.002 ± 0.05
$DASH_{(mean)}$	−0.083 ± 0.008 **,b	−0.090 ± 0.055	−0.069 ± 0.038	−0.095 ± 0.045	−0.070 ± 0.043	−0.08 ± 0.05	−0.074 ± 0.039
$DASH_{(mean)}$ × TIME	+0.002 ± 0.004	+0.002 ± 0.015	−0.001 ± 0.009	−0.012 ± 0.012[c]	+0.010 ± 0.10[c]	−0.01 ± 0.01	+0.003 ± 0.010
Model 2:							
Intercept	+2.74 ± 0.27 ***,b	+3.38 ± 0.36 ***,b	+2.35 ± 0.34 ***,b	+2.40 ± 0.37 ***,b	+2.11 ± 0.75 **,b	+2.49 ± 0.36 ***,b	+2.02 ± 0.73 ***,b
TIME	−0.01 ± 0.07	−0.19 ± 0.10 *,b	−0.01 ± 0.09	+0.06 ± 0.11	+0.16 ± 0.18	+0.09 ± 0.10	+0.16 ± 0.19
$MVD_{(mean)}$	+0.024 ± 0.017	+0.003 ± 0.024	+0.03 ± 0.02	+0.02 ± 0.02	+0.03 ± 0.02	+0.02 ± 0.03	+0.03 ± 0.02
$MVD_{(mean)}$ × TIME	+0.002 ± 0.004	+0.005 ± 0.006	+0.001 ± 0.006	+0.002 ± 0.006	+0.003 ± 0.006	+0.007 ± 0.007	−0.001 ± 0.005
Model 3:							
Intercept	+2.74 ± 0.27 ***,b	+3.36 ± 0.36 **,b	+2.37 ± 0.34 ***,b	+2.41 ± 0.37 ***,b	+2.06 ± 0.75 **,b	+2.48 ± 0.36 ***,b	+2.03 ± 0.73 ***,b
TIME	+0.00 ± 0.07	−0.18 ± 0.10	−0.02 ± 0.09	+0.05 ± 0.11	+0.16 ± 0.18	+0.06 ± 0.10	+0.16 ± 0.19
$DASH_{(mean)}$	−0.068 ± 0.031 *,b	−0.08 ± 0.05	−0.05 ± 0.04	−0.08 ± 0.04	−0.06 ± 0.04	−0.06 ± 0.05	−0.06 ± 0.04
$DASH_{(mean)}$ × TIME	+0.001 ± 0.007	0.005 ± 0.014	−0.000 ± 0.009	−0.01 ± 0.01[c]	+0.01 ± 0.01[c]	−0.01 ± 0.01	+0.00 ± 0.01
Serum Albumin (ALB)	(n = 1471; k = 1.8)	(n = 597; k = 1.8)	(n = 874; k = 1.8)	(n = 588; k = 1.8)	(n = 883; k = 1.8)	(n = 601; k = 1.8)	(n = 870; k = 1.8)
Intercept	+4.32 ± 0.07 ***,b	+4.27 ± 0.10 ***,b	+4.26 ± 0.09 ***,b	+4.34 ± 0.10 ***,b	+4.11 ± 0.20 ***,b	+4.43 ± 0.11 ***,b	+4.15 ± 0.19 ***,b
TIME	−0.03 ± 0.02	−0.00 ± 0.03	−0.01 ± 0.03	−0.05 ± 0.03	−0.002 ± 0.05	−0.062 ± 0.028	−0.014 ± 0.05
$MVD_{(mean)}$	+0.012 ± 0.005 *,b	+0.013 ± 0.007	+0.010 ± 0.006	+0.011 ± 0.007	+0.014 ± 0.007 *,b	+0.006 ± 0.009	+0.017 ± 0.006 **,b
$MVD_{(mean)}$ × TIME	−0.001 ± 0.001	−0.001 ± 0.002	−0.000 ± 0.002	−0.001 ± 0.002	−0.000 ± 0.002	−0.001 ± 0.002	−0.00 ± 0.001
$DASH_{(mean)}$	+0.018 ± 0.009 *,b	+0.011 ± 0.016	*+0.018 ± 0.010*	+0.020 ± 0.012	+0.019 ± 0.012	+0.010 ± 0.016	+0.021 ± 0.010 *,b
$DASH_{(mean)}$ × TIME	−0.002 ± 0.002	+0.002 ± 0.004	−0.003 ± 0.002	−0.007 ± 0.003 *,b	−0.001 ± 0.003	−0.000 ± 0.004	−0.004 ± 0.002

Table 3. *Cont.*

	Overall	Men	Women	Whites	African-Americans	Below Poverty	Above Poverty
Allostatic Load (AL)	**(*n* = 1479; *k* = 1.8)**	**(*n* = 600; *k* = 1.8)**	**(*n* = 879; *k* = 1.8)**	**(*n* = 590; *k* = 1.8)**	**(*n* = 889; *k* = 1.8)**	**(*n* = 605; *k* = 1.8)**	**(*n* = 874; *k* = 1.8)**
High-sensitivity C-reactive Protein (CRP)	(*n* = 1465; *k* = 1.8)	(*n* = 595; *k* = 1.8)	(*n* = 870; *k* = 1.8)	(*n* = 586; *k* = 1.8)	(*n* = 879; *k* = 1.8)	(*n* = 600; *k* = 1.8)	(*n* = 865; *k* = 1.8)
Intercept	+12.1 ± 2.4 ***,b	+8.6 ± 2.9 ***,b	+6.86 ± 3.24 *,b	+19.6 ± 3.1 ***,b	+6.37 ± 6.81	+16.1 ± 3.7 ***,b	−1.27 ± 5.52
TIME	−0.76 ± 0.74	−1.48 ± 0.93	+0.83 ± 0.94	−3.14 ± 1.07 **,b	+2.02 ± 1.75	−1.86 ± 1.20	+1.71 ± 1.54
$MVD_{(mean)}$	−0.009 ± 0.151	+0.13 ± 0.20	−0.15 ± 0.23	−0.05 ± 0.21	−0.08 ± 0.22	+0.37 ± 0.29	−0.13 ± 0.16
$MVD_{(mean)}$ × TIME	−0.006 ± 0.040	−0.04 ± 0.06	+0.05 ± 0.06	+0.02 ± 0.06	−0.02 ± 0.06	−0.14 ± 0.08 c	+0.05 ± 0.04 *c*
$DASH_{(mean)}$	−0.033 ± 0.274	−0.11 ± 0.44	+0.14 ± 0.36	−0.38 ± 0.38	+0.43 ± 0.39	−0.50 ± 0.53	+0.18 ± 0.30
$DASH_{(mean)}$ × TIME	−0.041 ± 0.073	−0.14 ± 0.14	−0.04 ± 0.09	−0.02 ± 0.11	−0.09 ± 0.10	+0.05 ± 0.14	−0.07 ± 0.08
Total Serum Cholesterol (CHOL)	(*n* = 1471; *k* = 1.8)	(*n* = 597; *k* = 1.8)	(*n* = 874; *k* = 1.8)	(*n* = 588; *k* = 1.8)	(*n* = 883; *k* = 1.8)	(*n* = 601; *k* = 1.8)	(*n* = 870; *k* = 1.8)
Intercept	+208.1 ± 9.6 ***,b	+188.1 ± 13.1 ***,b	+205.5 ± 12.1 ***,b	212.6 ± 13.6 ***,b	+157.2 ± 26.5 ***,b	+200.7 ± 12.9 ***,b	+216.6 ± 26.6 ***,b
TIME	+0.45 ± 2.30	+0.40 ± 2.77	+0.32 ± 3.02	+1.68 ± 3.61	+0.25 ± 5.7	+0.50 ± 3.08	+2.41 ± 5.83
$MVD_{(mean)}$	−0.13 ± 0.62	+0.47 ± 0.90	−0.81 ± 0.87	−0.22 ± 0.92	−0.21 ± 0.86	−0.51 ± 1.04	−0.05 ± 0.79
$MVD_{(mean)}$ × TIME	+0.08 ± 0.13	−0.07 ± 0.18	+0.25 ± 0.18	+0.20 ± 0.20	+0.09 ± 0.17	−0.15 ± 0.21	+0.23 ± 0.16
$DASH_{(mean)}$	−2.05 ± 1.13	−2.98 ± 2.02	−1.90 ± 1.36	−3.58 ± 1.68	−0.83 ± 1.54	−2.94 ± 1.89	−1.24 ± 1.42
$DASH_{(mean)}$ × TIME	+0.17 ± 0.23	+0.43 ± 0.43	+0.09 ± 0.28	−0.26 ± 0.38 c	*+0.50 ± 0.30* c	+0.22 ± 0.38	+0.14 ± 0.29
High-Density Lipoprotein-Cholesterol (HDL-C)	(*n* = 1471; *k* = 1.8)	(*n* = 597; *k* = 1.8)	(*n* = 874; *k* = 1.8)	(*n* = 588; *k* = 1.8)	(*n* = 883; *k* = 1.8)	(*n* = 601; *k* = 1.8)	(*n* = 870; *k* = 1.8)
Intercept	+57.7 ± 4.00 ***,b	+51.4 ± 5.0 ***,b	+60.3 ± 5.2 ***,b	+58.0 ± 4.7 ***,b	+38.4 ± 12.1 ***,b	+54.3 ± 5.6 ***,b	+46.1 ± 10.6 ***,b
TIME	−1.39 ± 0.86	−0.06 ± 1.10	−2.64 ± 1.10 **,b	−0.67 ± 1.10	−1.00 ± 2.18	*−1.91 ± 1.23*	+0.99 ± 2.08
$MVD_{(mean)}$	+0.07 ± 0.26	−0.08 ± 0.34	+0.27 ± 0.37	−0.27 ± 0.31	+0.25 ± 0.39	+0.06 ± 0.45	−0.01 ± 0.31
$MVD_{(mean)}$ × TIME	+0.06 ± 0.05	+0.06 ± 0.07	+0.06 ± 0.07	+0.12 ± 0.06	+0.03 ± 0.07	+0.05 ± 0.09	+0.06 ± 0.06
$DASH_{(mean)}$	+0.09 ± 0.47	+0.96 ± 0.78	−0.69 ± 0.59	+0.38 ± 0.57	−0.29 ± 0.70	+0.73 ± 0.82	−0.18 ± 0.57
$DASH_{(mean)}$ × TIME	−0.01 ± 0.09	+0.05 ± 0.17	−0.01 ± 0.11	+0.07 ± 0.12	−0.08 ± 0.12	−0.05 ± 0.15	+0.04 ± 0.10
Glycated Hemoglobin (HBA1C)	(*n* = 1470; *k* = 1.8)	(*n* = 598; *k* = 1.8)	(*n* = 872; *k* = 1.8)	(*n* = 588; *k* = 1.8)	(*n* = 884; *k* = 1.8)	(*n* = 601; *k* = 1.8)	(*n* = 870; *k* = 1.8)

Table 3. *Cont.*

	Overall	Men	Women	Whites	African-Americans	Below Poverty	Above Poverty
Allostatic Load (AL)	**(n = 1479; k = 1.8)**	**(n = 600; k = 1.8)**	**(n = 879; k = 1.8)**	**(n = 590; k = 1.8)**	**(n = 889; k = 1.8)**	**(n = 605; k = 1.8)**	**(n = 874; k = 1.8)**
Intercept	+6.60 ± 0.29 ***,b	+7.50 ± 0.44 ***,b	+6.42 ± 0.33 ***,b	+6.89 ± 0.39 ***,b	+5.78 ± 0.81 ***,b	+6.84 ± 0.40 ***,b	+5.17 ± 0.76***,b
TIME	+0.12 ± 0.06	−0.16 ± 0.09	+0.10 ± 0.07	+0.19 ± 0.09 *,b	+0.46 ± 0.16 ***,b	+0.21 ± 0.08 *,b	+0.21 ± 0.17
$MVD_{(mean)}$	+0.05 ± 0.02 *,b	*+0.05 ± 0.03*	+0.03 ± 0.02c	+0.05 ± 0.03 c	+0.002 ± 0.005	*+0.06 ± 0.03*	+0.05 ± 0.02 *,b
$MVD_{(mean)}$ × TIME	−0.001 ± 0.004	−0.009 ± 0.006	+0.009 ± 0.004 *,b	−0.002 ± 0.005	−0.010 ± 0.05	+0.006 ± 0.006	−0.003 ± 0.005
$DASH_{(mean)}$	−0.023 ± 0.034	−0.139 ± 0.068 *,b,c	+0.035 ± 0.037c	−0.025 ± 0.009	+0.010 ± 0.009	−0.056 ± 0.059	−0.009 ± 0.041
$DASH_{(mean)}$ × TIME	+0.000 ± 0.007	+0.025 ± 0.014c	−0.014 ± 0.007 *,b,c	−0.006 ± 0.009 c	+0.010 ± 0.009 c	+0.003 ± 0.010	+0.000 ± 0.009
Waist-to-Hip Ratio (WHR)	(n = 1475; k = 1.8)	(n = 598; k = 1.8)	(n = 877; k = 1.8)	(n = 590; k = 1.8)	(n = 885; k = 1.8)	(n = 601; k = 1.8)	(n = 874; k = 1.8)
Intercept	+0.95 ± 0.02 ***,b	+1.04 ± 0.02 ***,b	+0.94 ± 0.02 ***,b	+0.88 ± 0.02 ***,b	+0.97 ± 0.08 ***,b	+0.94 ± 0.002 ***,b	+0.92 ± 0.08 ***,b
TIME	+0.002 ± 0.002	+0.003 ± 0.005	+0.003 ± 0.012	+0.014 ± 0.007*	+0.008 ± 0.023	+0.011 ± 0.007	+0.019 ± 0.025
$MVD_{(mean)}$	+0.003 ± 0.002	+0.002 ± 0.001	+0.003 ± 0.003	+0.002 ± 0.002	+0.004 ± 0.003	+0.003 ± 0.002	+0.003 ± 0.002
$MVD_{(mean)}$ × TIME	−0.000 ± 0.000	−0.000 ± 0.000	+0.000 ± 0.001	+0.001 ± 0.002	−0.001 ± 0.001	+0.000 ± 0.000	−0.000 ± 0.001
$DASH_{(mean)}$	−0.003 ± 0.003	−0.006 ± 0.003 *,b	−0.001 ± 0.004	−0.004 ± 0.003	−0.002 ± 0.005	−0.005 ± 0.004	−0.002 ± 0.004
$DASH_{(mean)}$ × TIME	−0.000 ± 0.001	+0.002 ± 0.001 *,b	−0.001 ± 0.001	−0.001 ± 0.001	+0.000 ± 0.001	−0.000 ± 0.001	−0.001 ± 0.001
Systolic Blood Pressure (SBP)	(n = 1478; k = 1.8)	(n = 599; k = 1.8)	(n = 879; k = 1.8)	(n = 590; k = 1.8)	(n = 888; k = 1.8)	(n = 604; k = 1.8)	(n = 874; k = 1.8)
Intercept	+124.2 ± 3.9 ***,b	+124.8 ± 4.9 ***,b	+122.5 ± 5.1 ***,b	+122.7 ± 5.0 ***,b	+113.3 ± 11.2 ***,b	+122.1 ± 5.5 ***,b	+121.9 ± 10.1 ***,b
TIME	−1.23 ± 1.39	−2.45 ± 1.60	−0.34 ± 1.93	−1.67 ± 1.81	+0.22 ± 3.78	−0.59 ± 1.89	−4.84 ± 3.74
$MVD_{(mean)}$	+0.08 ± 0.25	+0.11 ± 0.34	+0.04 ± 0.37	+0.05 ± 0.34	−0.07 ± 0.37	−0.01 ± 0.45	+0.05 ± 0.30
$MVD_{(mean)}$ × TIME	−0.03 ± 0.08	+0.11 ± 0.10	−0.14 ± 0.13	+0.10 ± 0.11	−0.14 ± 0.12	−0.06 ± 0.14	−0.01 ± 0.10
$DASH_{(mean)}$	−0.696 ± 0.454	−0.40 ± 0.76	−0.88 ± 0.58	−0.83 ± 0.62	−0.55 ± 0.65	−0.42 ± 0.81	−0.89 ± 0.54
$DASH_{(mean)}$ × TIME	−0.017 ± 0.153	−0.09 ± 0.25	+0.04 ± 0.20	−0.15 ± 0.21	+0.08 ± 0.21	−0.17 ± 0.25	+0.06 ± 0.19
Diastolic Blood Pressure (DBP)	(n = 1478; k = 1.8)	(n = 599; k = 1.8)	(n = 879; k= 1.8)	(n = 590; k = 1.8)	(n = 888; k = 1.8)	(n = 604; k = 1.8)	(n = 874; k = 1.8)
Intercept	+70.6 ± 2.2 ***,b	+69.6 ± 3.1 ***,b	+73.5 ± 2.8 ***,b	+68.3 ± 2.9 ***,b	+74.9 ± 6.6 ***,b	+69.4 ± 3.1 ***,b	+77.0 ± 6.1 ***,b
TIME	−1.57 ± 0.78 *,b	−0.98 ± 0.93	−1.33 ± 1.07	−2.36 ± 1.03 *,b	−0.98 ± 2.10	−1.18 ± 1.08	−4.30 ± 2.10 *,b

Table 3. *Cont.*

	Overall	Men	Women	Whites	African-Americans	Below Poverty	Above Poverty
Allostatic Load (AL)	**(n = 1479; k = 1.8)**	**(n = 600; k = 1.8)**	**(n = 879; k = 1.8)**	**(n = 590; k = 1.8)**	**(n = 889; k = 1.8)**	**(n = 605; k = 1.8)**	**(n = 874; k = 1.8)**
$MVD_{(mean)}$	+0.06 ± 0.15	+0.07 ± 0.21	+0.12 ± 0.20	−0.10 ± 0.19	+0.19 ± 0.22	−0.07 ± 0.25	+0.07 ± 0.18
$MVD_{(mean)}$ × TIME	−0.05 ± 0.05	−0.02 ± 0.06	−0.06 ± 0.07	+0.04 ± 0.06	*−0.13 ± 0.07*	−0.07 ± 0.08	−0.03 ± 0.06
$DASH_{(mean)}$	−0.05 ± 0.27	−0.27 ± 0.48	−0.08 ± 0.32	+0.17 ± 0.35	−0.20 ± 0.39	−0.01 ± 0.46	−0.08 ± 0.32
$DASH_{(mean)}$ × TIME	+0.05 ± 0.09	+0.004 ± 0.143	+0.09 ± 0.11	−0.13 ± 0.12	+0.18 ± 0.12	+0.08 ± 0.14	+0.05 ± 0.11
Heart Rate (HR)	(n = 1473; k = 1.8)	(n = 598; k = 1.8)	(n = 879; k = 1.8)	(n = 589; k = 1.8)	(n = 884; k = 1.8)	(n = 602; k = 1.8)	(n = 871; k = 1.8)
Intercept	+71.9 ± 2.7 ***,b	+65.7 ± 3.6 ***,b	+72.8 ± 3.4 ***,b	+71.0 ± 3.6 ***,b	+80.4 ± 7.5 ***,b	+72.8 ± 3.7 ***,b	+71.2 ± 7.1 ***,b
TIME	−0.07 ± 0.67	+0.11 ± 0.87	−0.02 ± 0.87	−0.59 ± 1.02	+1.74 ± 1.66	−0.80 ± 0.90	*+3.32 ± 1.82*
$MVD_{(mean)}$	+0.24 ± 0.17	+0.23 ± 0.25	+0.27 ± 0.24	+0.28 ± 0.24	+0.30 ± 0.24	+0.15 ± 0.30	+0.35 ± 0.21
$MVD_{(mean)}$ × TIME	+0.04 ± 0.04	−0.08 ± 0.06	+0.14 ± 0.06 *,b	+0.03 ± 0.06	+0.05 ± 0.05	+0.06 ± 0.07	+0.01 ± 0.05
$DASH_{(mean)}$	−0.12 ± 0.31	−0.83 ± 0.56	+0.10 ± 0.38	+0.02 ± 0.44	−0.09 ± 0.44	+0.50 ± 0.54	−0.48 ± 0.38
$DASH_{(mean)}$ × TIME	−0.06 ± 0.07	+0.29 ± 0.13 *,b,c	−0.20 ± 0.09 *,b,c	−0.08 ± 0.12	−0.05 ± 0.09	*−0.22 ± 0.12*	+0.05 ± 0.09

Abbreviations: AL = Allostatic load; DASH = Dietary Approaches to Stop Hypertension; HANDLS = Healthy Aging in Neighborhood of Diversity across the Lifespan; MVD = Monetary value of the diet, SE = Standard error. [a] Values are fixed effects regression coefficients from mixed-effects linear regression models (γ ± SE). Models were adjusted for baseline age (Agew1), age at first follow-up (Agew3), sex, race, poverty status, educational attainment, literacy, employment status, current smoking status, current drug use, body mass index, self-rated health, mean of total energy intake and in % energy from grocery stores. Agew1 was centered at 48; Agew3 was centered at 53; Body mass index BMI) at baseline was centered at 30; Energy intake was centered at 2030 kcal/day; Energy from stores centered at 1550 kcal/day; $DASH_{(mean)}$ centered at 1.74; $MVD_{(mean)}$ centered at 6.3. [b] $p < 0.05$ for null hypothesis that $\gamma = 0$. [c] $p < 0.05$ for null hypothesis of no difference by sex, race, or poverty status based on 2-way and 3-way interaction terms with MVD/DASH and TIME. [d] 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. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

Table 4. $zMVD_{(mean)}$, $zDASH_{(mean)}$ total score and $zAL_{(v3)}$ (and components) at second follow-up: mediation model relaxing the assumption of no interaction between exposure and mediator and stratifying by sex, race and poverty status, HANDLS 2004–2018 [a].

	Controlled Direct Effect			Natural Direct Effect			Natural Indirect Effect			Marginal Total Effect		
	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}
Overall sample, n = 1224	+0.068	(0.041)	0.10	+0.068	(0.041)	0.10	−0.018	(0.013)	0.17	+0.050	(0.040)	0.21
Men, n = 479	+0.063	(0.058)	0.28	+0.067	(0.060)	0.26	−0.010	(0.013)	0.45	+0.057	(0.057)	0.32
Women, n = 745	+0.073	(0.060)	0.22	+0.075	(0.060)	0.21	−0.028	(0.025)	0.26	+0.047	(0.061)	0.44
Whites, n = 500	+0.077	(0.06)	0.23	+0.076	(0.063)	0.23	−0.040	(0.019)	0.037	+0.035	(0.061)	0.55
African-Americans, n = 724	+0.083	(0.058)	0.15	+0.076	(0.057)	0.19	+0.020	(0.023)	0.39	+0.095	(0.059)	0.11
Below poverty, n = 493	+0.081	(0.069)	0.24	+0.084	(0.070)	0.23	−0.043	(0.029)	0.13	+0.042	(0.067)	0.53
Above poverty, n = 731	+0.059	(0.053)	0.27	+0.061	(0.053)	0.25	−0.010	(0.013)	0.45	+0.050	(0.052)	0.33

Abbreviations: DASH = Dietary Approaches to Stop Hypertension; HANDLS = Healthy Aging in Neighborhood of Diversity across the Lifespan; MVD = Monetary value of the diet, SEE = Standard error of the estimate. [a] Multivariate ordinary least square (OLS) models adjusted for baseline age, sex, race, poverty status, educational attainment, literacy, employment status, current smoking status, current drug use, body mass index, self-rated health, mean of total energy intake and in % energy from grocery stores. Four parameters were estimated with SEE and *p*-values: CDE, NDE NIE, MTE. Those are described in more detail in statistical analysis section. For CDE, $zDASH_{(mean)}$ was set at a value of zero. Only results with significant total effects at type I error of 0.05 were presented.

Table 5. Total, direct and indirect effects of zMVD(mean) on zDASH(mean) and $zAL_{(v3)}$ (and components), overall and stratified by sex, race and poverty status based on structural equations modeling (N = 1224): HANDLS 2004–2018.

	zMVD→zAL: Direct Effect			zMVD→zDASH			zDASH→zAL			zMVD→zDASH→zAL: Indirect Effect			zMVD→zAL Total Effect: Direct + Indirect		
	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}
AL															
Overall sample, n = 1224, CD = 0.36	+0.07	(0.04)	0.088	+0.32	(0.04)	<0.001	−0.07	(0.03)	0.028	−0.02	(0.01)	0.033	+0.05	(0.04)	0.22
Men, n = 479, CD = 0.40	−0.04	(0.05)	0.50	+0.22	(0.05) [a]	<0.001	+0.06	(0.06)	0.28	−0.08	(0.01)	0.51	+0.05	(0.06)	0.33
Women, n = 745, CD = 0.36	+0.07	(0.06)	0.20	+0.45	(0.06) [a]	<0.001	−0.07	(0.04)	0.052	−0.03	(0.02)	0.059	+0.04	(0.06)	0.45
Whites, n = 500, CD = 0.38	+0.07	(0.06)	0.22	+0.34	(0.06)	<0.001	−0.11	(0.05)	0.013	−0.04	(0.02)	0.022	+0.04	(0.06)	0.55
African-Americans, n = 724, CD = 0.34	−0.01	(0.04)	0.74	+0.32	(0.05)	<0.001	+0.07	(0.06)	0.19	−0.00	(0.01)	0.74	−0.01	(0.04)	0.74
Below poverty, n = 493, CD = 0.34	−0.08	(0.05)	0.12	+0.39	(0.06)	<0.001	−0.08	(0.05)	0.12	−0.03	(0.02)	0.13	−0.08	(0.05)	0.12
Above poverty, n = 731, CD = 0.38	−0.06	(0.04)	0.14	+0.28	(0.05)	<0.001	+0.06	(0.05)	0.23	−0.02	(0.01)	0.15	+0.05	(0.05)	0.35

Table 5. *Cont.*

	zMVD→zAL: Direct Effect			zMVD→zDASH			zDASH→zAL			zMVD→zDASH→zAL: Indirect Effect			zMVD→zAL Total Effect: Direct + Indirect		
	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}	β	(SEE)	P_{wald}
ALB															
Men, *n* = 466	+0.08	(0.06)	0.20	+0.22	(0.05) [a]	<0.001	+0.04	(0.06)	0.51	+0.01	(0.01)	0.52	+0.09	(0.06)	0.14
Women, *n* = 718	+0.07	(0.06)	0.28	+0.46	(0.06) [a]	<0.001	−0.01	(0.04)	0.88	−0.00	(0.02)	0.89	+0.06	(0.06)	0.27
Whites, *n* = 1,184	+0.06	(0.06)	0.36	+0.36	(0.06)	<0.001	−0.04	(0.04)	0.39	−0.01	(0.02)	0.40	+0.04	(0.06)	0.48
African-Americans, *n* = 707	+0.10	(0.06)	0.094	+0.31	(0.05)	<0.001	+0.04	(0.04)	0.32	+0.01	(0.01)	0.32	+0.12	(0.06)	0.051
Below poverty, *n* = 481	+0.03	(0.08)	0.74	+0.40	(0.06)	<0.001	+0.03	(0.06)	0.58	+0.01	(0.02)	0.58	+0.03	(0.06)	0.58
Above poverty, *n* = 703	+0.11	(0.05)	0.034	+0.28	(0.05)	<0.001	−0.01	(0.04)	0.82	−0.00	(0.01)	0.82	+0.11	(0.05)	0.035
CRP															
Men, *n* = 465	−0.01	(0.06)	0.92	+0.22	(0.05) [a]	<0.001	−0.05	(0.05)	0.32	−0.01	(0.00)	0.33	−0.02	(0.06)	0.75
Women, *n* = 717	+0.03	(0.07)	0.61	+0.46	(0.06) [a]	<0.001	−0.02	(0.04)	0.57	−0.01	(0.02)	0.61	+0.02	(0.06)	0.72
Whites, *n* = 476	+0.02	(0.05)	0.65	+0.36	(0.06)	<0.001	−0.04	(0.04)	0.28	+0.00	(0.00)	0.38	+0.01	(0.05)	0.87
African-Americans, *n* = 706	−0.03	(0.07)	0.59	+0.31	(0.05)	<0.001	−0.01	(0.05)	0.87	−0.00	(0.02)	0.87	−0.04	(0.07)	0.56
Below poverty, *n* = 480	−0.07	(0.06)	0.45	+0.40	(0.06)	<0.001	−0.04	(0.06)	0.45	−0.02	(0.02)	0.49	−0.08	(0.08)	0.27
Above poverty, *n* = 702	−0.03	(0.05)	0.55	+0.28	(0.05)	<0.001	−0.01	(0.03)	0.72	−0.00	(0.01)	0.72	+0.03	(0.05)	0.59
CHOL															
Men, *n* = 466	−0.07	(0.06)	0.25	+0.22	(0.05) [a]	<0.001	−0.07	(0.06)	0.25	−0.01	(0.01)	0.26	+0.00	(0.06)	0.97
Whites, *n* = 477	+0.06	(0.06)	0.37	+0.36	(0.06)	<0.001	−0.12	(0.05) [a]	0.012	−0.04	(0.02)	0.021	+0.02	(0.06)	0.81
African-Americans, *n* = 708	−0.02	(0.06)	0.68	+0.31	(0.05)	<0.001	+0.03	(0.04) [a]	0.45	+0.01	(0.01)	0.45	−0.01	(0.06)	0.81
Below poverty, *n* = 481	−0.11	(0.07)	0.14	+0.40	(0.06)	<0.001	−0.03	(0.05)	0.58	−0.01	(0.02)	0.58	−0.12	(0.07)	0.088
Above poverty, *n* = 704	+0.06	(0.06)	0.29	+0.28	(0.05)	<0.001	−0.04	(0.04)	0.29	−0.01	(0.01)	0.30	+0.05	(0.05)	0.38
HDL-C															
Men, *n* = 465	+0.03	(0.05)	0.55	+0.22	(0.05) [a]	<0.001	+0.07	(0.05)	0.18	+0.02	(0.01)	0.20	+0.05	(0.05)	0.37
Women, *n* = 718	+0.04	(0.06)	0.50	+0.46	(0.06) [a]	<0.001	−0.03	(0.04)	0.48	−0.01	(0.02)	0.48	+0.03	(0.06)	0.62
Whites, *n* = 476	+0.03	(0.05)	0.52	+0.35	(0.06)	<0.001	+0.05	(0.04)	0.20	+0.02	(0.01)	0.21	+0.05	(0.04)	0.20
African-Americans, *n* = 707	+0.03	(0.06)	0.67	+0.31	(0.05)	<0.001	−0.03	(0.04)	0.56	−0.01	(0.01)	0.56	+0.02	(0.06)	0.76
Below poverty, *n* = 480	+0.04	(0.07)	0.62	+0.40	(0.06)	<0.001	+0.04	(0.05)	0.46	+0.02	(0.02)	0.46	+0.05	(0.07)	0.45
Above poverty, *n* = 703	+0.02	(0.05)	0.71	+0.28	(0.05)	<0.001	+0.01	(0.04)	0.81	+0.00	(0.02)	0.81	+0.02	(0.05)	0.67

Table 5. *Cont.*

	zMVD→zAL: Direct Effect			zMVD→zDASH			zDASH→zAL			zMVD→zDASH→zAL: Indirect Effect			zMVD→zAL Total Effect: Direct + Indirect		
	β	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**
HBA1C															
Men, *n* = 465	+0.02	(0.07)	0.75	+0.22	(0.05) [a]	<0.001	−0.00	(0.06)	0.95	−0.00	(0.01)	0.95	+0.02	(0.07)	0.76
Women, *n* = 713	+0.17	(0.05)	0.002	+0.46	(0.06) [a]	<0.001	−0.01	(0.03)	0.76	−0.00	(0.02)	0.76	+0.16	(0.05)	0.002
Whites, *n* = 479	+0.10	(0.06)	0.080	+0.36	(0.06)	<0.001	−0.04	(0.04)	0.34	−0.01	(0.02)	0.44	+0.09	(0.06)	0.12
African-Americans, *n* = 705	+0.12	(0.06)	0.047	+0.31	(0.05)	<0.001	+0.04	(0.05)	0.31	+0.01	(0.01)	0.32	+0.14	(0.06)	0.023
Below poverty, *n* = 479	+0.17	(0.06)	0.010	+0.40	(0.06)	<0.001	−0.01	(0.05)	0.88	−0.00	(0.02)	0.89	+0.16	(0.06)	0.008
Above poverty, *n* = 699	+0.09	(0.06)	0.12	+0.28	(0.05)	<0.001	+0.00	(0.04)	0.94	+0.00	(0.01)	0.94	+0.09	(0.06)	0.11
WHR															
Men, *n* = 475	+0.02	(0.05)	0.63	+0.22	(0.05)	<0.001	+0.02	(0.05)	0.67	+0.00	(0.01)	0.67	+0.03	(0.05)	0.56
Women, *n* = 734	+0.12	(0.06)	0.051	+0.44	(0.06)	<0.001	−0.08	(0.04)	0.044	−0.03	(0.02)	0.051	+0.08	(0.06)	0.15
Whites, *n* = 495	+0.17	(0.06)	0.004	+0.34	(0.06)	<0.001	−0.10	(0.04)	0.020	−0.04	(0.02)	0.031	+0.13	(0.06)	0.019
African-Americans, *n* = 714	+0.02	(0.06)	0.76	+0.30	(0.05)	<0.001	−0.00	(0.04)	0.95	−0.00	(0.01)	0.95	+0.02	(0.05)	0.76
Below poverty, *n* = 485	+0.10	(0.07)	0.16	+0.37	(0.06)	<0.001	−0.05	(0.05)	0.39	−0.02	(0.02)	0.39	+0.08	(0.07)	0.23
Above poverty, *n* = 724	+0.06	(0.05)	0.22	+0.28	(0.05)	<0.001	−0.06	(0.04)	0.10	−0.02	(0.01)	0.12	+0.04	(0.05)	0.36
SBP															
Men, *n* = 477	+0.08	(0.05) [a]	0.12	+0.22	(0.05) [a]	<0.001	−0.05	(0.05)	0.33	−0.01	(0.01)	0.34	+0.07	(0.05)	0.17
Women, *n* = 738	−0.11	(0.07) [a]	0.11	+0.44	(0.06) [a]	<0.001	−0.05	(0.04)	0.28	−0.02	(0.02)	0.39	−0.13	(0.06)	0.050
Whites, *n* = 497	+0.03	(0.06)	0.55	+0.34	(0.06)	<0.001	−0.07	(0.04)	0.091	−0.02	(0.02)	0.22	+0.01	(0.05)	0.87
African-Americans, *n* = 718	−0.08	(0.06)	0.21	+0.30	(0.05)	<0.001	−0.01	(0.05)	0.79	−0.00	(0.01)	0.79	−0.09	(0.06)	0.17
Below poverty, *n* = 489	−0.05	(0.07)	0.54	+0.37	(0.06)	<0.001	−0.05	(0.06)	0.33	−0.02	(0.02)	0.34	−0.06	(0.07)	0.37
Above poverty, *n* = 726	−0.00	(0.05)	0.94	+0.28	(0.05)	<0.001	−0.04	(0.04)	0.34	−0.01	(0.01)	0.35	−0.01	(0.05)	0.78
DBP															
Men, *n* = 477	+0.00	(0.06)	0.94	+0.21	(0.05)	<0.001	−0.05	(0.05)	0.36	−0.01	(0.01)	0.37	−0.02	(0.06)	0.78
Women, *n* = 738	−0.07	(0.07)	0.31	+0.44	(0.06)	<0.001	+0.02	(0.04)	0.61	+0.01	(0.02)	0.61	−0.06	(0.06)	0.36
Whites, *n* = 497	−0.00	(0.06)	0.97	+0.34	(0.06)	<0.001	−0.03	(0.04)	0.44	−0.01	(0.01)	0.44	−0.01	(0.05)	0.80
African-Americans, *n* = 718	−0.09	(0.07)	0.17	+0.30	(0.05)	<0.001	+0.05	(0.05)	0.28	+0.02	(0.01)	0.29	−0.08	(0.06)	0.24
Below poverty, *n* = 489	−0.11	(0.08)	0.15	+0.37	(0.06)	<0.001	+0.04	(0.06)	0.44	+0.02	(0.02)	0.44	−0.09	(0.07)	0.20
Above poverty, *n* = 726	−0.02	(0.05)	0.72	+0.28	(0.05)	<0.001	+0.00	(0.04)	0.90	+0.00	(0.01)	0.90	−0.02	(0.05)	0.73

Table 5. *Cont.*

	zMVD→zAL: Direct Effect			zMVD→zDASH			zDASH→zAL			zMVD→zDASH→zAL: Indirect Effect			zMVD→zAL Total Effect: Direct + Indirect		
	β	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**	**β**	**(SEE)**	**P_{wald}**
HR															
Men, *n* = 475	+0.01	(0.06) [a]	0.81	+0.22	(0.05) [a]	<0.001	+0.06	(0.06)	0.31	+0.01	(0.01)	0.32	+0.03	(0.06)	0.65
Women, *n* = 738	+0.21	(0.06) [a]	0.001	+0.45	(0.06) [a]	<0.001	−0.06	(0.04)	0.12	−0.03	(0.02)	0.12	+0.18	(0.06)	0.002
Whites, *n* = 495	+0.11	(0.07)	0.097	+0.34	(0.06)	<0.001	−0.03	(0.05)	0.59	−0.01	(0.02)	0.60	+0.10	(0.06)	0.11
African-Americans, *n* = 718	+0.11	(0.06)	0.057	+0.32	(0.05)	<0.001	+0.01	(0.04)	0.85	+0.00	(0.01)	0.85	+0.11	(0.06)	0.046
Below poverty, *n* = 490	+0.07	(0.07)	0.34	+0.39	(0.06)	<0.001	−0.01	(0.05)	0.80	−0.01	(0.02)	0.80	+0.06	(0.07)	0.36
Above poverty, *n* = 723	+0.10	(0.05)	0.053	+0.27	(0.05)	<0.001	−0.01	(0.04)	0.84	−0.00	(0.01)	0.84	+0.10	(0.05)	0.053

Abbreviation: AL = Allostatic load; CD = Coefficient of determination; DASH = Dietary Approaches to Stop Hypertension; HANDLS = Healthy Aging in Neighborhood of Diversity across the Lifespan; MVD = Monetary value of the diet, SEE = Standard error of the estimate. SEMs were adjusted for baseline age, sex, race, poverty status, educational attainment, literacy, employment status, current smoking status, current drug use, body mass index, self-rated health, mean of total energy intake and in % energy from grocery stores. [a] $p < 0.05$ for null hypothesis of model invariance across groups: sex, race and poverty status.

4. Discussion

In this study, we examined the association between the monetary value of MVD, the DASH diet score and the AL using longitudinal and SEM techniques, while stratifying by key socio-demographic factors. Among our key findings, $MVD_{(mean)}$ tertiles were linearly associated with contemporaneous $DASH_{(mean)}$, after energy adjustment. In mixed-effects regression models, $DASH_{(mean)}$ was consistently linked to lower baseline $AL_{(v2)}$. Both $DASH_{(mean)}$ and $MVD_{(mean)}$ were positively associated with higher serum $albumin_{(v2)}$. Using SEM, we found an independent pathway linking $MVD_{(mean)}$ to $AL_{(v3)}$ through $DASH_{(mean)}$, mainly among Whites and specifically for the cholesterol and Waist-Hip-Ratio components of AL, which remained significant after relaxing the additivity assumption.

4.1. The Link between MVD and DASH Score or Other Diet Quality Indices

This study provides evidence of a direct linear response relationship between MVD and diet quality, assessed by DASH score, adjusting for energy intake. This relationship has been confirmed by other researchers using alternate measures of diet quality [20,26,31,37,38]. Energy-adjusted MVD (uppermost vs. lowest quintile) was associated with a 30 point higher Alternative Healthy Eating Index score in women enrolled in the US Nurses' Health Study (N = 78,191) [26]. Using data from the NHANES 2001–2002 and 2007–2010 Rehm and colleagues corroborated findings of the direct association between MVD and dietary quality, measured by the Healthy Eating Index [HEI]-2005 and HEI-2010 indices [31,37]. Additionally, the highest tertile of the Mean Adequacy Ratio of French adults was associated with the lowest dietary energy density and the highest diet costs [20].

A meta-analysis of data from 24 studies from 10 countries revealed marked pricing differences between food groups, which increased the cost of healthful diets [44]. Darmon and Drewnowski found that healthier diets were uniformly associated with higher costs, with food budgets in poverty being insufficient to ensure optimum diets [39]. In fact, Rehm and colleagues found that lower dietary costs were associated with lower consumption of vegetables, fruits, whole grains, and seafood, and higher consumption of refined grains, solid fat, alcohol and added sugars [31,37]. Aggarwal and colleagues reported MVD to be directly associated with dietary intakes of fiber, vitamins A, C, D, E, and B-12, β-carotene, and folate, as well as the minerals -iron, calcium, potassium and magnesium. In contrast, they found an inverse relationship between MVD and intakes of saturated fats, trans fats, and added sugars [33].

4.2. The Link between DASH Score and AL or Other Metabolic Disturbance Indices

Previous studies have evaluated the relationship of DASH diet adherence with various cardiometabolic indicators and have uncovered for the most part a potential protective effect. Those indicators included weight status or BMI [9,50,75–79,81–83], waist circumference [9,75,77–79,81,82,84–87], hip circumference, [78,79] waist-to-hip ratio, [78,88] total cholesterol, [75,76,86,89–91] LDL-C, [75,76,79,86,88,90,91] HDL-C, [9,75,76,79,85,86,88,91,92] triglycerides, [9,75,76,79,85,86,88,92] HbA1c, [86,87] glucose, [76,85,87,88,90,93,94] blood pressure, [8,9,76,85,86,88,90,93,95–101] fibrinogen, [85] CRP, [9,79,85,102–105] IL-6, [79,103,105] IL-17A, [104] TNF-alpha, [79,105] insulin resistance, [79,92] type 2 diabetes biomarkers, [106] metabolic syndrome, [84–86,88,107,108] adipokines, [79,92] lipids [79,87,91,94,109], body composition, [81] stress hormones, [86] sex hormones [92] and cardiovascular risk factors [8,110,111].

A limited number of studies included examined the association between dietary factors with AL [56,86,112,113]. A cross-sectional study involving 3387 subjects by Rosenberg et al. assessed serum levels of α-carotene, β-carotene, β-cryptoxanthin, lutein/zeaxanthin and lycopene in relation to AL [112]. Serum β-carotene concentration was inversely associated with high AL after adjusting for age, education, race/ethnicity, serum cotinine, alcohol consumption, physical activity and other carotenoids (α-carotene, α-cryptoxanthin, lycopene, lutein/zeaxanthin) [112]. Another cross-sectional study of 1318 subjects by Mattei et al. evaluated AHA diet score in relation to AL as well as metabolic syndrome [86].

The study found associations of the diet-only score with insulin, waist circumference, and HDL-C [86]. The study also found associations between the continuous diet score and AL components, namely an inverse association with urinary cortisol and a positive association with serum dehydroepiandrosterone sulfate in women as well as an inverse association with urinary norepinephrine in men [86]. Every 10 AHA diet score units were associated with 22% (95% confidence interval (CI): 1, 38; $p = 0.043$) lower odds of having dysregulated AL components in women. In men, every 10 diet score units were associated with lower odds of MetS (odds ratio (OR): 0.69; 95%CI: 0.52, 0.93; $p = 0.016$) [86]. A cross-sectional study of 1002 older adults by Forrester et al. [113] examined smoking, poor diet, physical activity, alcohol use as predictors of four classes of biological indicators of AL from latent class analysis. The study found that Metabolic + BP class [(1) Metabolic + Cholesterol (high on these), (2) Metabolic + BP (high on these), (3) BP (high on this), (4) Low (on everything)] reported less physical activity and less alcohol use compared to the low class [113].

In a cross-sectional study involving 96 older adults, Kusano et al. examined dietary patterns in relation to AL [114]. For women, AL was lower when they ate more green/yellow vegetables (versus less) and when they ate more meat (versus less). For men, Al was higher for those who drank more (versus less) [114]. Another study of middle-aged adults by Kim et al. evaluated dietary patterns in relation to AL and found that, among males, there was a negative relationship between consuming/preferring fat in the diet and AL for BMIs in the second quartile (BMI > 30) compared to the first quartile [115]. There was also a negative relationship between appetite control and AL in individuals with BMI < 25 (1st quartile vs. 3rd quartile). However, there was a positive relationship between appetite control and AL among individuals with BMI 25–30. Finally, there was a positive relationship between eating due to food cues and AL among individuals with BMI 25–30 (1st quartile vs. 4th quartile) [115].

A cohort study involving 999 subjects, diet was evaluated as one of the mediators between socioeconomic position and AL [56]. The study found that negative behavioral and poorer material factors accounted for much of the association between higher socioeconomic position and lower AL; home ownership and low income, but not car ownership, attenuated the socioeconomic position–AL association by between approximately 60% and 80%. Smoking, but not alcohol consumption, poor diet or low physical activity, attenuated the socioeconomic position–AL association by a third. Adjustment for GHQ-12, a measure of psychological circumstances, had next to no attenuating effect [56].

4.3. Strengths, Limitations and Future Directions

Our study has many notable strengths, including its use of the DASH diet score in relation to MVD and AL using repeated measures over time, thus ascertaining temporality of relationships. Specifically, annual rates of change in AL (between visits 2 and 3) as well as AL at follow-up (visit 3) was tested against cumulative exposures over two visits (v1/v2) of data (visits 1 and 2), by taking their respective averages. Furthermore, it is among few studies to test those associations across race, sex and income groups. Although our study setting was Baltimore city, our findings can be generalized to comparable populations across the United States, mainly 14 cities of similar racial group composition. A key strength in estimating MVD in this study is the use of Baltimore city quarterly food prices as opposed to using US-wide estimates. Those estimates were additionally deflated to the first quarter of 2004 for comparability.

Nevertheless, given notable study limitations, our findings should be interpreted with caution. First, the use of food prices to compute MVD can underestimate total food expenditures [116]. Moreover, MVD may also be measured with error due to lack of specificity of some FNDDS food codes that did not necessarily reflect the exact match of foods as purchased; for example, a "burrito with chicken" can assume that the burritos were purchased refrigerated, frozen, or as a meal kit. Another notable limitation is that foods lacking barcodes, such as those unpackaged and sold by weight, were not found in the food price database; thus, prices of food groups to which those fresh produce and meats corresponded were weighted heavily on frozen and canned items. Furthermore, participants in the

Homescan study do not report fast food, restaurants, and other away-from-home food purchases, with food prices differing markedly by source of purchase (i.e., grocery store vs. away-from-home sources). Moreover, imputations were conducted to estimate food price indices for certain FNDDS codes that could not be assigned to the 42 food groups. Finally, both the DASH diet score and the AL have been measured in multiple different ways in past studies. The selection of a method of measurement may have affected some of our key findings. More longitudinal studies are needed to replicate our findings in comparable samples of urban adults.

5. Conclusions

In this group of community dwelling urban adults, an energy-adjusted increase in MVD may have a sizeable impact on the DASH diet score which can then reduce the AL at follow-up, in the overall population of urban middle-aged adults, but more strongly among Whites and among women. This highlights the economic barriers behind improving dietary quality of a fixed caloric amount consumed, which in turn could improve metabolic outcomes by reducing the AL. The finding of a mediated effect between MVD and AL through DASH score, highlights the need to investigate this pathway further as well as conduct future randomized trials, while accounting for economic barriers.

Supplementary Materials: The following are available online at http://www.mdpi.com/2072-6643/11/10/2360/s1, Figure S1: Participant Flowchart; Method S1: Allostatic load; Method S2: HomeScan data description; Method S3: Food group description; Method S4: Description of mixed-effects regression models. Method S5: Stata syntax of the main analysis.

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Abbreviations

AL	Allostatic Load
DASH	Dietary Approach to Stop Hypertension
DQ	Diet Quality
HEI-2010	Healthy Eating Index, 2010 version
FNDDS	Food and Nutrient Database for Dietary Studies
HANDLS	Healthy Aging in Neighborhood of Diversity across the Life Span
HS	High School
MAR	Mean Adequacy Ratio
MVD	Monetary value of the diet
NAR	Nutrient Adequacy Ratio
NHANES	National Health and Nutrition Examination Surveys

PIR	Poverty Income Ratio
RDA	Recommended Dietary Allowance
SE	Standard Error
USDA	US Department of Agriculture
WRAT-3	Wide Range Achievement Test, 3rd revision

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SUPPLEMENTAL FIGURE LEGEND AND OTHER SUPPLEMENTAL MATERIALS

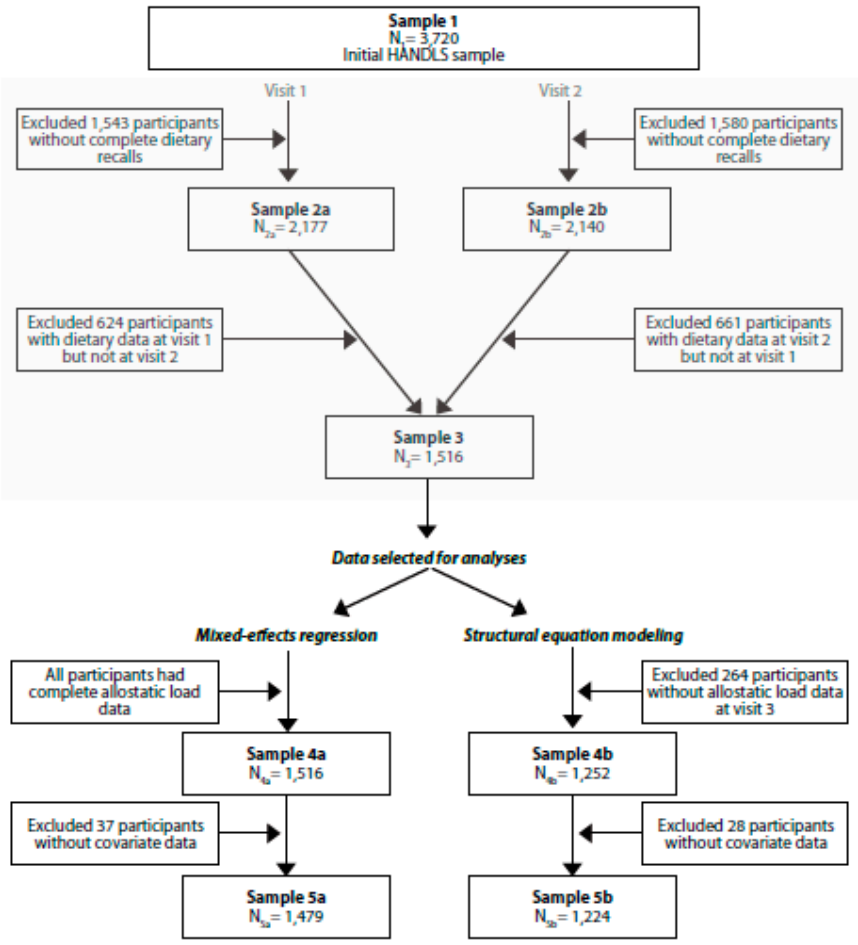

Figure S1. Participant Flowchart[a].

[a] 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, HDLcholesterol, 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].

	High-risk clinical
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	32,36,38,39
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	14,41
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. (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
3. (18) Whole grain cooked cereals no fat added, (19) Whole grain cooked cereals with fat added, (25) Whole wheat crackers, (21) High fiber cereals
4. (8) Pastas without added fat, (9) Pastas with added fat, (154) Pasta with meat, (155) Pasta without meat
5. (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
6. (16) Cooked cereals with no fat, (17) Cooked cereals with fat added
7. (20) Ready to eat cereals, (37) Breakfast bars
8. (22) Regular crackers, (26) Salty snacks (chips, pretzels, popcorn, chips)
9 (23) Reduced fat crackers, (27) Low sodium snacks (pretzels, crackers, chips, popcorn), (28) Reduced fat potato chips
10. (24) Sweet crackers (graham, animal), (29) Cakes, (31) Doughnuts, (32) Cookies, (34) Pies (excludes fruit pies), (36) Pastries
11. (30) Diet cakes and pastries, (33) Diet cookies
12. (39) Baby foods, (129) Infant formulas, (230) Baby foods

FRUITS

13. (50) Raw, canned, frozen fruit without added sugar, (62) Unsweetened fruit juices, (51) Canned sweetened fruit, (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,
14. (54) Berries without added sugar, (55) Berries with added sugar
15. (56) Dried fruit, dried fruit cooked without added sugar, (57) Dried fruit cooked with added sugar
16. (58) Fruit desserts, (59) Fruit with added fat, (35) Fruit pies

VEGETABLES

17. (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
18. (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
19. (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
20. (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

21. (100) Regular milk
22. (101) Reduced fat milk, (102) Fat free milk
23. (112) Natural, regular cheese, (116) Low sodium cheese
24. (113) Natural, reduced fat and fat free cheese
25. (114) Processed, regular cheese
26. (115) Processed, reduced fat and fat free cheese
27. 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

32	321	2.41	74.50
33	532	4.00	78.49
34	147	1.10	79.60
35	84	0.63	80.23
37	**1,249**	**9.38**	**89.61**
38	325	2.44	92.05
39	281	2.11	94.16
40	**706**	**5.30**	**99.46**
41	41	0.31	99.77
42	31	0.23	100.00
Total	13,316		100.00

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**	**13.93**	**78.02**
38	2,512	17.76	95.78
39	530	3.75	99.53
40	29	0.20	99.73

41	10	0.07	99.80
42	28	0.20	100.00
Total	14,147		100.00

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**

Eq. 1.1-1.4

$$Y_{ij} = \pi_{0i} + \pi_{1i} Time_{ij} + \varepsilon_{ij}$$

$$\pi_{0i} = \gamma_{00} + \gamma_{0a} X_{aij} + \sum_{k=1}^{l} \gamma_{0k} Z_{ik} + \zeta_{0i}$$

$$\pi_{1i} = \gamma_{10} + \gamma_{1a} X_{aij} + \sum_{m=1}^{n} \gamma_{1m} Z_{im} + \zeta_{1i}$$

$$Y_{ij} = \gamma_{00} + \gamma_{0a} X_{aij} + \sum_{k=1}^{l} \gamma_{0k} Z_{ik} + \gamma_{10} Time_{ij} + \gamma_{1a} X_{aij} Time_{ij} + \sum_{m=1}^{n} \gamma_{1m} Z_{im} Time_{ij} + (\zeta_{0i} + \zeta_{1i} Time_{ij} + \varepsilon_{ij})$$

Where Y_{ij} is the outcome (AL and components) for each individual "i" and visit "j"; π_{0i} is the level-1 intercept for individual i; π_{1i} is the level-1 slope for individual i; γ_{00} is the level-2 intercept of the random intercept π_{0i} ; γ_{10} is the level-2 intercept of the slope π_{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 (Age_{base}) among other covariates. $X_{ija,}$ represents the main predictor variables (MVD and/or DASH mean across first two visits); ζ_{0i} and ζ_{1i} are level-2 disturbances; ε_{ij} is the within-person level-1 disturbance. Of primary interest are the main effects of each exposure X_a (γ_{0a}) and their interaction with *TIME* (γ_{1a}), as described in a previous methodolgical 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 VARIBLES 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~=1

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~=1

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~=. & wrattbr~=. & 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_dietfcfinal, 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))

egen 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 allostatic load at waves 3 or 4 --> Sample with both dietary data and allostatic load data at wave 3 or 4 -->
**--> Sample with both dietary data and allostatic load data at wave 3 or 4 + Covariates (Mixed models) --> Sample with both dietary data and allostatic 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_dietfcfinal, 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

tab sex if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab race if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab pir if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab edubr if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab employed if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab wrattbr if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab smoke if finalsample==1 & food_price_BALTfinW1W3meantert==2

tab currdrugs if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean bmi if finalsample==1 & food_price_BALTfinW1W3meantert==2

prop SRHbr if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean food_price_BALTfinWave1 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean food_price_BALTfinWave3 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean kcalw1 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean kcalw3 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean kcalw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean energystoresw1 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean energystoresw3 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean energystoresw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean DASH_scorew1 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean DASH_scorew3 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean DASH_scorew1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean allostatic_propw3 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean allostatic_propw4 if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean allostatic_propdelta if finalsample==1 & food_price_BALTfinW1W3meantert==2

mean allostatic_propmean 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

tab sex if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab race if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab pir if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab edubr if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab employed if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab wrattbr if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab smoke if finalsample==1 & food_price_BALTfinW1W3meantert==3

tab currdrugs if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean bmi if finalsample==1 & food_price_BALTfinW1W3meantert==3

prop SRHbr if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean food_price_BALTfinWave1 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean food_price_BALTfinWave3 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean food_price_BALTfinW1W3mean if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean kcalw1 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean kcalw3 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean kcalw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean energystoresw1 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean energystoresw3 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean energystoresw1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean DASH_scorew1 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean DASH_scorew3 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean DASH_scorew1w3mean if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean allostatic_propw3 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean allostatic_propw4 if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean allostatic_propdelta if finalsample==1 & food_price_BALTfinW1W3meantert==3

mean allostatic_propmean if finalsample==1 & food_price_BALTfinW1W3meantert==3

Difference in characterestics by tertile of food cost/Baltimore

oneway Agew1 food_price_BALTfinW1W3meantert if finalsample==1, bon

oneway Agew3 food_price_BALTfinW1W3meantert if finalsample==1, bon

oneway Agew4 food_price_BALTfinW1W3meantert if finalsample==1, bon

tab sex food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab race food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab pir food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab edubr food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab employed food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab wrattbr food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab smoke food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab currdrugs food_price_BALTfinW1W3meantert if finalsample==1, row col chi

tab SRHbr food_price_BALTfinW1W3meantert if finalsample==1, row col chi

oneway bmi food_price_BALTfinW1W3meantert if finalsample==1, bon

oneway kcalw1 food_price_BALTfinW1W3meantert if finalsample==1 , bon

oneway kcalw3 food_price_BALTfinW1W3meantert if finalsample==1 , bon

```
oneway kcalw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 , bon
oneway energystoresw1 food_price_BALTfinW1W3meantert if finalsample==1 , bon
oneway energystoresw3 food_price_BALTfinW1W3meantert if finalsample==1 , bon
oneway energystoresw1w3mean food_price_BALTfinW1W3meantert if finalsample==1 , bon
oneway food_price_BALTfinWave1 food_price_BALTfinW1W3meantert if finalsample==1, bon
oneway food_price_BALTfinWave3 food_price_BALTfinW1W3meantert if finalsample==1, bon
oneway food_price_BALTfinW1W3mean food_price_BALTfinW1W3meantert if finalsample==1, bon


save, replace

**DASH_scorew1w3 DASH_scorew1 DASH_scorew3 allostatic_propw3 allostatic_propw4 allostatic_propdelta


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


oneway allostatic_propw3 food_price_BALTfinW1W3meantert if finalsample==1, bon
oneway allostatic_propw4 food_price_BALTfinW1W3meantert if finalsample==1, bon
oneway allostatic_propdelta food_price_BALTfinW1W3meantert if finalsample==1, bon
oneway allostatic_propmean food_price_BALTfinW1W3meantert if finalsample==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 & 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 finalsample==1 & pir==0

reg DASH_fiberw1w3 i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1

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

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

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1

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

reg DASH_Magnesiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1

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

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

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1

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

reg DASH_calciumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1

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

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

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1

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

reg DASH_potassiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & pir==1

reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1

reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & sex==1

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

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

reg DASH_Sodiumw1w3mean i.food_price_BALTfinW1W3meantert if finalsample==1 & race==1

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

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

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

reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_scorew1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_SatFatw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_Fatw1w3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg Dash_protein_W1W3mean food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_cholesterolw1w3 food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==1
reg DASH_fiberw1w3 food_price_BALTfinW1W3meantert##pir kcalw1w3mean_C if finalsample==1

reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##sex kcalw1w3mean_C if finalsample==1
reg DASH_Magnesiumw1w3mean food_price_BALTfinW1W3meantert##race kcalw1w3mean_C if finalsample==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

//TABLE 3//////////////////////

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal, clear

** Main predictors: food_price_BALTfinW1W3mean_C DASH_scorew1w3mean_C
**Covariates: Agew1_C Agew3_C sex race pir edubr employed wrattbr smoke currdrugs bmi_C SRHbr kcalw1w3mean_C energystoresw1w3mean_C

////////////////////////////////////BOTH FOOD COST AND DASH DIET TOGETHER IN MODEL: MODEL 1/////////////////////////

//TOTAL SAMPLE//
xtmixed allostatic_prop 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##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

su DASH_scorew1w3mean_C if sample8==1
su DASH_scorew1w3mean if sample8==1

set matsize 400

margins, at(c.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_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##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 allostatic_prop 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##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 allostatic_prop 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##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 allostatic_prop 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

xtmixed allostatic_prop 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##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 allostatic_prop 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##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

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.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 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##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 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##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 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##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 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##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==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##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 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##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

*****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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

**********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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

////////////////WHR/////////////////

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

//////////////////////////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##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 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##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 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##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 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##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 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##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==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##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 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##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

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

//TOTAL SAMPLE//

xtmixed bpdia 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##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 bpdia 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##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 bpdia 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##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 bpdia 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##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 bpdia 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

xtmixed bpdia 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##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.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##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.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##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.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##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.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##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.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##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.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##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==1 || HNDID: timew3w4

//BELOW POVERTY//
xtmixed hr 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##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 hr 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##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


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.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 allostatic_prop 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##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed 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.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 allostatic_prop 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##SRHbr c.timew3w4##c.kcalw1w3mean_C c.timew3w4##c.energystoresw1w3mean_C c.timew3w4##c.invmillsmixed 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.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==1 || HNDID: timew3w4

//BELOW POVERTY//

xtmixed allostatic_prop 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##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 allostatic_prop 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##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 hr//

****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##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 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##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.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 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##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.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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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.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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

**********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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

//////////////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##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 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##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 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##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 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##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 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##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==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##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 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##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

//////////////////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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

//////////////////////////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##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 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##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 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##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 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##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 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##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==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##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.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##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##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.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##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.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.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##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.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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

Components of Allostatic load

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

****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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

*****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##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 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##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 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##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 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##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 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##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==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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW POVERTY//

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##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 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##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

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

//TOTAL SAMPLE//

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##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 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##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 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##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 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##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 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##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==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##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 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##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

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

//TOTAL SAMPLE//

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##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.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 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##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.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 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##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.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 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##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.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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//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##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 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##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

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

//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##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 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##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 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##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 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##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 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##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==1 || HNDID: timew3w4

//BELOW 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##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 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##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

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

//TOTAL SAMPLE//

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 || HNDID: timew3w4

//MEN//

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 & sex==1 || HNDID: timew3w4

//WOMEN//

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 & sex==0 || HNDID: timew3w4

//WHITES//

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 & race==0 || HNDID: timew3w4

//AA//

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 & 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

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 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 & pir==0 || 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##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

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##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 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##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 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##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

//ALB//

xtmixed albumin 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 albumin 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 albumin 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

//CRP//

xtmixed crp 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 crp 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 crp 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

//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##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##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

//HBGA1C//

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##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##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 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##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

//WHR//

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##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 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##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 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##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

//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##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 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##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 bpsys 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

//DBP//

xtmixed bpdia 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 bpdia 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 bpdia 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

//HR//

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##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 hr 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 hr 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

TABLE 3, MODEL 1, INTERACTION WITH DASH*

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal, clear

//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##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 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##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 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 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

//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 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 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 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 albumin 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##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

//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 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 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 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 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 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

//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##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 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##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 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##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 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##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 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##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 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##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

//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##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 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##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 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##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

//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##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 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##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 whr 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##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

//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##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 bpsys 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##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 bpsys 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##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

//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##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 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##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 bpdia 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##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

//HR//

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##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 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##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 hr 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##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

TABLE 3, MODEL 2, 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.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 allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C##race 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 allostatic_prop c.timew3w4##c.food_price_BALTfinW1W3mean_C##pir 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

TABLE 3, MODEL 3, INTERACTION WITH DASH*

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal, clear

//ALLOSTATIC LOAD//

xtmixed allostatic_prop 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##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 allostatic_prop 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##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 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 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

**********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 hgba1cw4 whrw4 bpsysw4 bpdiaw4 hrw4 {
reg `var' food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & sex==0

}

foreach var of varlist albuminw4 crpw4 cholw4 hdlw4 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 & pir==0
reg allostatic_propw4 food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & pir==0
reg DASH_scorew1w3mean food_price_BALTfinW1W3mean sex Agew1 race pir if finalsample==1 & pir==0

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

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
```

//ALLOSTATIC LOAD, WAVE 4/////////////////////////////////////

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_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

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)

save, replace

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

//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_dietfcfinal_PARAMED,clear

keep if sex==0

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if race==0

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if race==1

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if pir==0

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if pir==1

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if sex==1

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear

keep if sex==0

save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_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_dietfcfinal_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 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_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


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

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


//African-Americans//
use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==1
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_dietfcfinal_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_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_dietfcfinal_PARAMEDWHITES, 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

//African-Americans//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear

keep if race==1

save HANDLS_Allostaticload_dietfcfinal_PARAMEDAA, 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

//BELOW POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear

keep if pir==0

save HANDLS_Allostaticload_dietfcfinal_PARAMEDBP, 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

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear

keep if pir==1

save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, 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

save, replace

//ALLOSTATIC LOAD, WAVE 4; MAGNESIUM//////////////////////////////////////

//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 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_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


//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 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_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


//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 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_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_Allostaticload_dietfcfinal_PARAMED,clear
keep if sex==0
save HANDLS_Allostaticload_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_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==0
save HANDLS_Allostaticload_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_Allostaticload_dietfcfinal_PARAMED,clear
keep if race==1
save HANDLS_Allostaticload_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_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==0
save HANDLS_Allostaticload_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_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_PARAMEDAP, 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

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 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_potassiumw1w3) 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_potassiumw1w3) 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_potassiumw1w3) 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_potassiumw1w3 ) 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_potassiumw1w3 ) 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_potassiumw1w3 ) 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; SODIUM//////////////////////////////////////

//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 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_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_SEPTEMBER2014\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 zcholw4
egen zcholw4=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
egen zbpdiaw4=std(bpdiaw4)

capture drop zhrw4
egen zhrw4=std(hrw4)

save, replace

**albuminw4 crpw4 cholw4 hdlw4 hgba1cw4 whrw4 bpsysw4 bpdiaw4 hrw4

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

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

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop ALBUMINW4
gen ALBUMINW4=zalbuminw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed ALBUMINW4, 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 ALBUMINW4, 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 ALBUMINW4, 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 ALBUMINW4, 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 ALBUMINW4, 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 ALBUMINW4, 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 ALBUMINW4, 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 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

paramed CRPW4, 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 CRPW4, 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 CRPW4, 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 CRPW4, 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 CRPW4, 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 CRPW4, 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 CRPW4, 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 CHOLESTEROL, WAVE 4/////////////////////////////////////
cd                                                                  "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear


capture drop CHOLW4
gen CHOLW4=zcholw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear



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)

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

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

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


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

//BELOW POVERTY//

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

//ABOVE POVERTY//

use HANDLS_Allostaticload_dietfcfinal_PARAMED,clear
keep if pir==1
save HANDLS_Allostaticload_dietfcfinal_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_SEPTEMBER2014\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 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 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)


//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 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 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)

//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 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 HGBA1C, WAVE 4////////////////////////////////////
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\DATA"

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear


capture drop HGBA1C
gen HGBA1C=zhgba1cw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear



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)

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


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

```
////////////////////////////////////////////////////////////////////////////STANDARDIZED WAIST-TO-HIP RATIO WAVE 4//////////////////////////////////////
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_paper30_foodcost_MetSlong\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

```
////////////////////////////////////////////////////////////////////////////STANDARDIZED SYSTOLIC BLOOD PRESSURE WAVE 4: bpsysw4 ////////////////////////////////////////
cd "G:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\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 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 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)

//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 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 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)

//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 currdrugs1 currdrugs9 bmi_C SRHbr2 SRHbr3 kcalw1w3mean_C energystoresw1w3mean_C invmillssem) yreg(linear) mreg(linear) a0(0) a1(1) m(0)

save, replace

//DIASTOLIC BLOOD PRESSURE WAVE 4: BPDIAW4 ////////////////////////////////////

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

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

capture drop BPDIAW4
gen BPDIAW4=zbpdiaw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear

paramed BPDIAW4, 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 BPDIAW4, 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 BPDIAW4, 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 BPDIAW4, 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 BPDIAW4, 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 BPDIAW4, 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 BPDIAW4, 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

////////////////////////////////////////////////////////////////////////////HEART RATE WAVE 4: ////////////////////////////////////
```

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

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear


capture drop HRW4
gen HRW4=zhrw4

save, replace

//ALL SAMPLE//

use HANDLS_Allostaticload_dietfcfinal_PARAMED, clear



paramed HRW4, 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 HRW4, 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 HRW4, 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 HRW4, 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 HRW4, 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 HRW4, 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 HRW4, 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

////////////////////////////////TABLE 5: STRUCTURAL EQUATIONS MODELS////////////////////////////////

cd "G:\...\DATA"

use HANDLS_Allostaticload_dietfcfinal_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,) (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,) (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 -> ALW4,) (DASHDIETEXP -> ALW4,) (Agew1_C-> ALW4,) (Agew3_C -> ALW4,) (race -> 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,) (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 , nocapslatent method(ml) group(sex)

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,) (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 , nocapslatent method(ml) group(race)

estat ginvariant

By pir

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 , 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,) (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,) (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==1 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//WOMEN//
sem (FCOSTEXP -> ALW4,) (DASHDIETEXP -> ALW4,) (Agew1_C-> ALW4,) (Agew3_C -> ALW4,) (race -> 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,) (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 -> 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==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//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,)

(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

**********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,) (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,) ///
(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 -> ALBUMINW4,) (DASHDIETEXP -> ALBUMINW4,) (Agew1_C-> ALBUMINW4,) (Agew3_C -> ALBUMINW4,) (race -> ALBUMINW4,) (pir -> 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,) ///
(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 , 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,) (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,) ///
(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 , nocapslatent method(ml) group(race)

estat ginvariant

By pir

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,) ///
(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 , 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,) (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,) ///
(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==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,) (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,) ///
(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//

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 sem (FCOSTEXP -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) ( Agew1_C-> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> 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, ) ///
(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 -> ALBUMINW4, ) (DASHDIETEXP -> ALBUMINW4, ) ( Agew1_C-> ALBUMINW4, ) (Agew3_C -> ALBUMINW4, ) (sex -> ALBUMINW4, ) (pir -> 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, ) ///
(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 -> 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, ) ///
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(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 -> 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,) ///
(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

**********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,) ///
(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 -> CRPW4,) (DASHDIETEXP -> CRPW4,) (Agew1_C-> CRPW4,) (Agew3_C -> 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,) ///
(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 , nocapslatent method(ml) group(sex)

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,) (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 , nocapslatent method(ml) group(race)

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,) (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,) (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 , nocapslatent method(ml) group(pir)

estat ginvariant

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

//MEN//
sem (FCOSTEXP -> CRPW4,) (DASHDIETEXP -> CRPW4,) (Agew1_C-> CRPW4,) (Agew3_C -> 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,) ///
(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==1 , nocapslatent method(ml)

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,) (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,) (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,)

(energystoresw1w3mean_C -> DASHDIETEXP,) (invmillssem -> DASHDIETEXP,) if finalsample==1 & race==1 , nocapslatent method(ml)

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,) (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,) (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 -> CRPW4,) (DASHDIETEXP -> CRPW4,) (Agew1_C-> CRPW4,) (Agew3_C -> CRPW4,) (sex -> CRPW4,) (race -> 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,) (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

**********CHOLESTEROL WAVE 4**********

//MULTI-GROUP//

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,) (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 -> CHOLW4,) (DASHDIETEXP -> CHOLW4,) (Agew1_C-> CHOLW4,) (Agew3_C -> 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,) (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 , nocapslatent method(ml) group(sex)

estat ginvariant

By race

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 , nocapslatent method(ml) group(race)

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,) (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 , nocapslatent method(ml) group(pir)

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,) (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,) (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==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,) (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,) (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 -> 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==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//African-Americans//

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 teffects

**********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,)(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 -> 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,) ///

(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 , nocapslatent method(ml) group(sex)

estat ginvariant

By race

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 , nocapslatent method(ml) group(race)

estat ginvariant

By pir

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 finalsample==1 , nocapslatent method(ml) group(pir)

estat ginvariant

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

//MEN//

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,) ///
(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==1 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//WOMEN//

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,) ///
(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 -> 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==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 finalsample==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,) (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 finalsample==1 & pir==1 , nocapslatent 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 ,) (wrattbr2 -> HGBA1C ,) (wrattbr3 -> HGBA1C ,) (wrattbr4 -> 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,) (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 -> 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 ,)(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,) (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 , 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 ,) (wrattbr2 -> HGBA1C ,) (wrattbr3 -> HGBA1C ,) (wrattbr4 -> 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,) (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 , 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 ,)(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,) (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 , 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 ,)(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,) (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==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 ,)(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,) (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 -> HGBA1C ,) (DASHDIETEXP -> HGBA1C ,) (Agew1_C-> HGBA1C ,) (Agew3_C -> HGBA1C ,) (sex -> HGBA1C ,) (pir -> HGBA1C ,) (edubr2 -> HGBA1C ,) (edubr3 -> HGBA1C ,) (employed1 -> HGBA1C ,) (wrattbr2 -> HGBA1C ,) (wrattbr3 -> HGBA1C ,)(wrattbr4 -> 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,) (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 -> HGBA1C ,) (DASHDIETEXP -> HGBA1C ,) (Agew1_C-> HGBA1C ,) (Agew3_C -> HGBA1C ,) (sex -> HGBA1C ,) (pir -> HGBA1C ,) (edubr2 -> HGBA1C ,) (edubr3 -> HGBA1C ,) (employed1 -> HGBA1C ,) (wrattbr2 -> HGBA1C ,) (wrattbr3 -> HGBA1C ,) (wrattbr4 -> 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,) (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 -> 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 ,)(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,) (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 -> 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 ,)(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,) (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

**********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,) (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,) (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,) (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 , 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,) (invmillssem -> 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 -> WHRW4,) (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,) ///
(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 , nocapslatent method(ml) group(pir)

estat ginvariant

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

//MEN//
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,) (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==1 , nocapslatent method(ml)

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estat gof, stats(all)
estat teffects


//WOMEN//
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, ) (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 -> 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, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent
method(ml)

estat gof, stats(all)
estat teffects


//African-Americans//
 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, )
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(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,) (invmillssem -> DASHDIETEXP,) if finalsample==1 & race==1 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//BELOW POVERTY//
sem (FCOSTEXP -> WHRW4,) (DASHDIETEXP -> WHRW4,) (Agew1_C-> WHRW4,) (Agew3_C -> WHRW4,) (sex -> WHRW4,) (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,) ///
(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 -> WHRW4,) (DASHDIETEXP -> WHRW4,) (Agew1_C-> WHRW4,) (Agew3_C -> WHRW4,) (sex -> WHRW4,) (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,) ///
(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

**********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 ,) (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,) (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 -> BPSYSW4 ,) (DASHDIETEXP -> BPSYSW4 ,) (Agew1_C-> BPSYSW4 ,) (Agew3_C -> BPSYSW4 ,) (race -> BPSYSW4 ,) (pir -> 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,) (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 , 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 ,) (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,) (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 , 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 ,) (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 , 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 ,) (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,) (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==1 , nocapslatent method(ml)

estat gof, stats(all)

estat teffects

//WOMEN//

sem (FCOSTEXP -> BPSYSW4 ,) (DASHDIETEXP -> BPSYSW4 ,) (Agew1_C-> BPSYSW4 ,) (Agew3_C -> BPSYSW4 ,) (race -> BPSYSW4 ,) (pir -> 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,) (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 -> BPSYSW4 ,) (DASHDIETEXP -> BPSYSW4 ,) (Agew1_C-> BPSYSW4 ,) (Agew3_C -> BPSYSW4 ,) (sex -> BPSYSW4 ,) (pir -> 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,) (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 -> BPSYSW4 ,) (DASHDIETEXP -> BPSYSW4 ,) (Agew1_C-> BPSYSW4 ,) (Agew3_C -> BPSYSW4 ,) (sex -> BPSYSW4 ,) (pir -> 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,) (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 -> 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==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//ABOVE POVERTY//

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 ,) (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 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 ,) (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,) (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 , 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 ,) (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,) (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 , 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 finalsample==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 finalsample==1 & sex==0 , nocapslatent method(ml)

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 ,) (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,) (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 -> BPDIAW4 ,) (DASHDIETEXP -> BPDIAW4 ,) (Agew1_C-> BPDIAW4 ,) (Agew3_C -> BPDIAW4 ,) (sex -> 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,) (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 -> BPDIAW4 ,) (DASHDIETEXP -> BPDIAW4 ,) (Agew1_C-> BPDIAW4 ,) (Agew3_C -> BPDIAW4 ,) (sex -> BPDIAW4 ,) (race -> 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,) (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 -> BPDIAW4 ,) (DASHDIETEXP -> BPDIAW4 ,) (Agew1_C-> BPDIAW4 ,) (Agew3_C -> BPDIAW4 ,) (sex -> BPDIAW4 ,) (race -> 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,) (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

**********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,) (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 -> 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,) (energystoresw1w3mean_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,) (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,)

(energystoresw1w3mean_C -> DASHDIETEXP,) (invmillssem -> 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,) (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,) (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 , nocapslatent method(ml) group(pir)

estat ginvariant

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

//MEN//
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,) (energystoresw1w3mean_C -> DASHDIETEXP,) (invmillssem -> DASHDIETEXP,) if finalsample==1 & sex==1 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects

//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, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & sex==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects


//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, ) (energystoresw1w3mean_C -> DASHDIETEXP, ) (invmillssem -> DASHDIETEXP, ) if finalsample==1 & race==0 , nocapslatent method(ml)

estat gof, stats(all)
estat teffects


//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, )
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(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 -> HRW4,) (DASHDIETEXP -> HRW4,) (Agew1_C-> HRW4,) (Agew3_C -> HRW4,) (sex -> HRW4,) (race -> 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,) (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 -> HRW4,) (DASHDIETEXP -> HRW4,) (Agew1_C-> HRW4,) (Agew3_C -> HRW4,) (sex -> HRW4,) (race -> 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,) (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