



name: <unnamed>
 log: E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_PAPER64_HCYDEPANXIETY_LONG\OUTPU
 log type: smcl
 opened on: 21 Jun 2024, 09:38:33

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2 .
3 . *****BY SEX*****
4 .
5 .
6 . *****WOMEN*****
7 .
8 .
9 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
10 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
    > if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)
  
```

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,322
Group variable: HNDID	Number of groups	=	839
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 3.1e+64)	=	6.88
	Prob > F	=	0.0000

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.287307	.0790603	-3.63	0.000	-.4422624	-.1323517
w1Agecent48	-.1391945	.041627	-3.34	0.001	-.220782	-.0576071
c.timew1w3w4#c.w1Agecent48	.0017473	.0050129	0.35	0.727	-.0080778	.0115724
timew1w3w4	0 (omitted)					
Sex	0 (omitted)					
Women	0 (omitted)					
Sex#c.timew1w3w4	0 (omitted)					
Women	0 (omitted)					
timew1w3w4	0 (omitted)					
Race	0 (omitted)					
AfrAm	-2.153936	.7982461	-2.70	0.007	-3.71847	-.5894025
Race#c.timew1w3w4	0 (omitted)					
AfrAm	.2183118	.0944252	2.31	0.021	.0332418	.4033818
timew1w3w4	0 (omitted)					
PovStat	0 (omitted)					
Below	4.339931	.8188579	5.30	0.000	2.734999	5.944863

PovStat#c.timew1w3w4						
Below	.0220153	.0947345	0.23	0.816	-.163661	.2076915
timew1w3w4	0	(omitted)				
invmillsCES	.0044805	.0363889	0.12	0.902	-.0668403	.0758014
c.timew1w3w4#c.invmillsCES	-.0007443	.0043734	-0.17	0.865	-.009316	.0078274
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.6727492	.4686723	1.44	0.151	-.2458317	1.59133
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0214036	.0551405	-0.39	0.698	-.129477	.0866699
_cons	15.11079	.646006	23.39	0.000	13.84464	16.37693

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]		
HNDID: Unstructured					
sd(timew1w3w4)	.0688616
sd(_cons)	8.828572
corr(timew1w3w4,_cons)	-.9999993
sd(Residual)	7.678501

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13 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,331
Group variable: HNDID	Number of groups	=	839
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 4.7e+64)	=	6.46
	Prob > F	=	0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1190039	.0350817	-3.39	0.001	-.1877629	-.050245
w1Agecent48	-.0520023	.018407	-2.83	0.005	-.0880793	-.0159253
c.timew1w3w4#c.w1Agecent48	-.0011073	.0022266	-0.50	0.619	-.0054712	.0032567
timew1w3w4	0	(omitted)				
Sex						
Women	0	(omitted)				

Sex#c.timew1w3w4						
Women	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.6820874	.3530279	-1.93	0.053	-1.374009	.0098347
Race#c.timew1w3w4						
AfrAm	.0350156	.0419956	0.83	0.404	-.0472943	.1173254
timew1w3w4	0	(omitted)				
PovStat						
Below	1.638874	.3621779	4.53	0.000	.9290187	2.34873
PovStat#c.timew1w3w4						
Below	-.0085021	.0421706	-0.20	0.840	-.091155	.0741507
timew1w3w4	0	(omitted)				
invmillscES	-.0052238	.0161034	-0.32	0.746	-.0367858	.0263382
c.timew1w3w4#c.invmillsCES	.0006981	.0019523	0.36	0.721	-.0031284	.0045246
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0847944	.2071515	0.41	0.682	-.321215	.4908039
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0009006	.0245428	0.04	0.971	-.0472024	.0490036
_cons	4.843385	.2855508	16.96	0.000	4.283716	5.403054

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0620196	.	.	.
sd(_cons)	3.893571	.	.	.
corr(timew1w3w4,_cons)	-.9999993	.	.	.
sd(Residual)	3.415905	.	.	.

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17 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates Imputations = 5
Mixed-effects ML regression Number of obs = 2,331

Group variable: **HNDID**Number of groups = **839**

Obs per group:

min = **1**avg = **2.8**max = **3**Average RVI = **.**Largest FMI = **.**DF adjustment: **Large sample**DF: min = **0.00**avg = **.**max = **.**Model F test: **Equal FMI**F(11, 3.2e+66) = **3.86**Prob > F = **0.0000**

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0035158	.0101383	-0.35	0.729	-.0233865	.0163548
w1Agecent48	-.0128924	.0044168	-2.92	0.004	-.0215492	-.0042357
c.timew1w3w4#c.w1Agecent48	-.0002735	.0006431	-0.43	0.671	-.0015339	.0009869
timew1w3w4	0 (omitted)					
Sex						
Women	0 (omitted)					
Sex#c.timew1w3w4						
Women	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	.0968039	.0847008	1.14	0.253	-.0692065	.2628144
Race#c.timew1w3w4						
AfrAm	-.0031875	.0121288	-0.26	0.793	-.0269596	.0205846
timew1w3w4	0 (omitted)					
PovStat						
Below	.3132436	.0869815	3.60	0.000	.1427629	.4837242
PovStat#c.timew1w3w4						
Below	-.0046565	.0121757	-0.38	0.702	-.0285206	.0192075
timew1w3w4	0 (omitted)					
invmillscES	.0039639	.0038789	1.02	0.307	-.0036385	.0115664
c.timew1w3w4#c.invmillscES	-.0003058	.0005636	-0.54	0.587	-.0014104	.0007989
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0736606	.0497259	1.48	0.139	-.0238004	.1711217
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0064086	.007088	-0.90	0.366	-.0203008	.0074836
_cons	.7431941	.0683677	10.87	0.000	.6091958	.8771923

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0017795	.	.	.
sd(_cons)	.7825379	.0314838	.723201	.8467431
corr(timew1w3w4,_cons)	.9999062	.	.	.
sd(Residual)	.9909799	.0181304	.9560746	1.02716

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21 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 2,331

Group variable: **HNDID**

Number of groups = 839

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: **Large sample**

DF: min = 0.00

avg = .

max = .

Model F test: **Equal FMI**

F(11, 1.2e+71) = 8.38

Prob > F = 0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1326582	.033459	-3.96	0.000	-.1982367	-.0670798
w1Agecent48	-.0436288	.0160791	-2.71	0.007	-.0751433	-.0121143
c.timew1w3w4#c.w1Agecent48	.0004593	.002123	0.22	0.829	-.0037016	.0046202
timew1w3w4	0 (omitted)					
Sex						
Women	0 (omitted)					
Sex#c.timew1w3w4						
Women	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.7192011	.3083662	-2.33	0.020	-1.323588	-.1148145
Race#c.timew1w3w4						
AfrAm	.0647291	.040039	1.62	0.106	-.0137459	.1432041
timew1w3w4	0 (omitted)					
PovStat						
Below	1.801748	.3164924	5.69	0.000	1.181434	2.422061

Sex#c.timew1w3w4						
Women	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.8497005	.1832612	4.64	0.000	.4905152	1.208886
Race#c.timew1w3w4						
AfrAm	-.1183568	.0271776	-4.35	0.000	-.1716239	-.0650897
timew1w3w4	0	(omitted)				
PovStat						
Below	-.5936986	.1881618	-3.16	0.002	-.9624891	-.2249082
PovStat#c.timew1w3w4						
Below	-.0500758	.0272939	-1.83	0.067	-.1035709	.0034192
timew1w3w4	0	(omitted)				
invmillscES	-.0074329	.0083801	-0.89	0.375	-.0238576	.0089919
c.timew1w3w4#c.invmillscES	.0011205	.0012461	0.90	0.369	-.0013219	.0035628
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	-.1473149	.1075636	-1.37	0.171	-.3581358	.0635059
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0156768	.0158742	0.99	0.323	-.015436	.0467896
_cons	9.328519	.1479935	63.03	0.000	9.038457	9.618581

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0924904	.0499745	.0320756	.2666973
sd(_cons)	1.707409	.1117014	1.501933	1.940995
corr(timew1w3w4,_cons)	.2977407	.4522069	-.5820016	.8563681
sd(Residual)	2.124839	.0544782	2.020702	2.234342

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26 .
27 .
28 . save, replace
    file finaldata_imputed_FINAL.dta saved

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32 .
33 . //MODEL 2: FULL MODEL///
34 .
35 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    2,322

Group variable: HNDID
                                Number of groups =      839
                                Obs per group:
                                    min =      1
                                    avg =      2.8
                                    max =      3
                                Average RVI      =      .
                                Largest FMI      =      .
DF adjustment: Large sample      DF: min      =    0.00
                                    avg      =      .
                                    max      =      .
Model F test: Equal FMI          F( 23,23573.6) =    6.74
                                Prob > F      =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1571176	.2199559	-0.71	0.475	-.5883271	.2740918
w1Agecent48	-.1036041	.0410674	-2.52	0.012	-.1840957	-.0231125
c.timew1w3w4#c.w1Agecent48	.000816	.00515	0.16	0.874	-.0092781	.0109101
timew1w3w4	0 (omitted)					
Sex						
Women	0 (omitted)					
Sex#c.timew1w3w4						
Women	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	-2.248424	.7785481	-2.89	0.004	-3.774385	-.7224641
Race#c.timew1w3w4						
AfrAm	.1904578	.0962257	1.98	0.048	.0018523	.3790633
timew1w3w4	0 (omitted)					
PovStat						
Below	3.02667	.8234677	3.68	0.000	1.412614	4.640726
PovStat#c.timew1w3w4						
Below	.0244266	.0999393	0.24	0.807	-.1714569	.22031
timew1w3w4	0 (omitted)					
w1edubr						
2	-1.506901	1.656854	-0.91	0.363	-4.756842	1.743039
3	-3.477167	1.69763	-2.05	0.041	-6.804635	-.1496981

wledubr#c.timew1w3w4							
2	.0481356	.2085671	0.23	0.817	-.3606619	.4569332	
3	-.072869	.2175173	-0.34	0.738	-.4991971	.3534591	
timew1w3w4	0	(omitted)					
inv millsCES	-.0014069	.0352189	-0.04	0.968	-.0704346	.0676209	
c.timew1w3w4#c.inv millsCES	.000147	.0043929	0.03	0.973	-.008463	.008757	
timew1w3w4	0	(omitted)					
1.w1smoke	3.120431	.8790432	3.55	0.000	1.391185	4.849678	
w1smoke#c.timew1w3w4							
1	-.2083511	.1161978	-1.79	0.074	-.4369038	.0202015	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	3.988186	1.128491	3.53	0.000	1.772635	6.203737	
w1currrdrugs#c.timew1w3w4							
1	-.1120117	.1546732	-0.72	0.470	-.4176989	.1936754	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0446302	.0364358	-1.22	0.227	-.117865	.0286046	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0038011	.0048706	-0.78	0.438	-.0135187	.0059165	
timew1w3w4	0	(omitted)					
w1BM Icent30	.083221	.0485099	1.72	0.086	-.0118754	.1783174	
c.timew1w3w4#c.w1BM Icent30	.0006127	.0059933	0.10	0.919	-.0111358	.0123611	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.4087459	.4556449	0.90	0.370	-.4843111	1.301803	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0211842	.0555359	-0.38	0.703	-.1300334	.087665	
_cons	15.92351	1.707665	9.32	0.000	12.57466	19.27235	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0665274	.	.
sd(_cons)	8.294328	.	.
corr(timew1w3w4,_cons)	-.9999996	.	.
sd(Residual)	7.680686	.	.

37 .

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38 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

```

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,331
Group variable: HNDID	Number of groups	=	839
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(23,24666.7)	=	5.92
	Prob > F	=	0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0456067	.0978546	-0.47	0.641	-.2374576	.1462442
w1Agecent48	-.0362489	.0182862	-1.98	0.047	-.07209	-.0004078
c.timew1w3w4#c.w1Agecent48	-.0017494	.0022845	-0.77	0.444	-.006227	.0027282
timew1w3w4	0	(omitted)				
Sex						
Women	0	(omitted)				
Sex#c.timew1w3w4						
Women	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.742667	.3457643	-2.15	0.032	-1.42036	-.064974
Race#c.timew1w3w4						
AfrAm	.0235551	.0426943	0.55	0.581	-.060126	.1072361
timew1w3w4	0	(omitted)				
PovStat						
Below	1.133593	.366002	3.10	0.002	.4162095	1.850976
PovStat#c.timew1w3w4						
Below	.0003262	.044372	0.01	0.994	-.0866429	.0872952
timew1w3w4	0	(omitted)				
w1edubr						
2	-.3781436	.7489508	-0.50	0.614	-1.848919	1.092631
3	-1.084216	.7576058	-1.43	0.152	-2.569251	.4008186
w1edubr#c.timew1w3w4						
2	-.0054972	.0931625	-0.06	0.953	-.1881192	.1771248

3	- .0390725	.0970824	-0.40	0.687	- .229362	.151217
timew1w3w4	0 (omitted)					
inv millsCES	- .0080079	.0156635	-0.51	0.609	- .0387077	.022692
c.timew1w3w4#c.inv millsCES	.0011	.0019572	0.56	0.574	- .002736	.0049361
timew1w3w4	0 (omitted)					
1.w1smoke	1.299134	.3705118	3.51	0.000	.5729403	2.025327
w1smoke#c.timew1w3w4						
1	- .1049881	.0497115	-2.11	0.035	- .2024657	- .0075104
timew1w3w4	0 (omitted)					
1.w1curdrugs	1.902068	.5145084	3.70	0.000	.8896551	2.914481
w1curdrugs#c.timew1w3w4						
1	- .0432586	.0679823	-0.64	0.525	- .1773785	.0908613
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	- .0134316	.0173653	-0.77	0.446	- .048976	.0221128
c.timew1w3w4#c.w1hei2010_total_scorecent43	- .0011561	.0020579	-0.56	0.575	- .0052232	.0029111
timew1w3w4	0 (omitted)					
w1BM Icent30	.033726	.0214534	1.57	0.116	- .0083247	.0757766
c.timew1w3w4#c.w1BM Icent30	.0016798	.0026637	0.63	0.528	- .0035418	.0069013
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	- .0201332	.2025324	-0.10	0.921	- .4170941	.3768277
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.000814	.0246558	0.03	0.974	- .0475106	.0491386
_cons	4.863695	.7655616	6.35	0.000	3.361749	6.36564

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0581221	.	.
sd(_cons)	3.693977	.	.
corr(timew1w3w4,_cons)	- .9999997	.	.
sd(Residual)	3.413305	.	.

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42 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    2,331

Group variable: HNDID
Number of groups =      839
Obs per group:
    min =      1
    avg =      2.8
    max =      3
Average RVI      =      .
Largest FMI      =      .
DF adjustment:   Large sample    DF:    min      =    0.00
                                avg      =      .
                                max      =      .
Model F test:    Equal FMI       F( 23,53059.2) =    2.67
                                Prob > F      =    0.0000

```

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0067979	.027947	-0.24	0.808	-.0615736	.0479779
w1Agecent48	-.0107778	.0044754	-2.41	0.016	-.0195494	-.0020062
c.timew1w3w4#c.w1Agecent48	-.0003952	.0006592	-0.60	0.549	-.0016872	.0008967
timew1w3w4	0	(omitted)				
Sex						
Women	0	(omitted)				
Sex#c.timew1w3w4						
Women	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.0877068	.0846605	1.04	0.300	-.0782252	.2536389
Race#c.timew1w3w4						
AfrAm	-.0042797	.0123236	-0.35	0.728	-.0284337	.0198743
timew1w3w4	0	(omitted)				
PovStat						
Below	.2409776	.0894186	2.69	0.007	.0657201	.4162351
PovStat#c.timew1w3w4						
Below	-.0027826	.0128045	-0.22	0.828	-.027879	.0223139
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0847642	.1806252	-0.47	0.639	-.4389297	.2694012
3	-.2136122	.1875339	-1.14	0.255	-.581237	.1540126
w1edubr#c.timew1w3w4						
2	.0127783	.0266737	0.48	0.632	-.0395012	.0650578
3	.0076128	.0280143	0.27	0.786	-.0472953	.0625209

timew1w3w4	0 (omitted)					
inv millsCES	.0037332	.003854	0.97	0.333	-.0038204	.0112868
c.timew1w3w4#c.inv millsCES	-.0002587	.0005653	-0.46	0.647	-.0013667	.0008494
timew1w3w4	0 (omitted)					
1.w1smoke	.1322804	.0998526	1.32	0.186	-.0643782	.328939
w1smoke#c.timew1w3w4						
1	-.0084643	.014517	-0.58	0.560	-.0369507	.020022
timew1w3w4	0 (omitted)					
1.w1currrdrugs	.298077	.1323868	2.25	0.026	.0369273	.5592267
w1currrdrugs#c.timew1w3w4						
1	-.0211868	.0190323	-1.11	0.266	-.058588	.0162144
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	-.0022999	.0038338	-0.60	0.549	-.0098629	.0052631
c.timew1w3w4#c.w1hei2010_total_scorecent43	-3.03e-06	.000594	-0.01	0.996	-.0011768	.0011708
timew1w3w4	0 (omitted)					
w1BM Icent30	.0050425	.0052818	0.95	0.340	-.0053109	.0153958
c.timew1w3w4#c.w1BM Icent30	.0000764	.0007625	0.10	0.920	-.0014182	.0015709
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0598666	.0495679	1.21	0.227	-.0372849	.1570181
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0061058	.0071287	-0.86	0.392	-.0200777	.0078661
_cons	.8042598	.188354	4.27	0.000	.434808	1.173712

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0027709	.	.
sd(_cons)	.7643674	.	.
corr(timew1w3w4,_cons)	.9999155	.	.
sd(Residual)	.9904574	.	.

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46 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##w1smoke c.timew1w3w4##w1currrdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BM Icent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 2,331

Group variable: **HNDID**Number of groups = **839**

Obs per group:

min = **1**avg = **2.8**max = **3**Average RVI = **.**Largest FMI = **.**DF adjustment: **Large sample**DF: min = **0.00**avg = **.**max = **.**Model F test: **Equal FMI**F(23,38269.6) = **8.31**Prob > F = **0.0000**

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1456104	.0926955	-1.57	0.116	-.3273068	.036086
w1Agecent48	-.0305637	.0158659	-1.93	0.054	-.061661	.0005335
c.timew1w3w4#c.w1Agecent48	.0006844	.0021767	0.31	0.753	-.0035819	.0049508
timew1w3w4	0 (omitted)					
Sex						
Women	0 (omitted)					
Sex#c.timew1w3w4						
Women	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.7310256	.3004921	-2.43	0.015	-1.319996	-.1420554
Race#c.timew1w3w4						
AfrAm	.0497182	.0408027	1.22	0.223	-.0302564	.1296927
timew1w3w4	0 (omitted)					
PovStat						
Below	1.238393	.3174995	3.90	0.000	.6160841	1.860701
PovStat#c.timew1w3w4						
Below	-.0154281	.0424412	-0.36	0.716	-.098615	.0677588
timew1w3w4	0 (omitted)					
w1edubr						
2	-.7404215	.6330482	-1.17	0.242	-1.981374	.5005313
3	-1.678674	.6632307	-2.53	0.011	-2.978891	-.3784563
w1edubr#c.timew1w3w4						
2	.0671997	.0882603	0.76	0.446	-.10579	.2401895
3	.0501514	.092264	0.54	0.587	-.1306844	.2309871
timew1w3w4	0 (omitted)					
inv millsCES	-.0036035	.013617	-0.26	0.791	-.0302924	.0230853
c.timew1w3w4#c.inv millsCES	.0002394	.0018729	0.13	0.898	-.0034315	.0039103
timew1w3w4	0 (omitted)					
1.w1smoke	1.28931	.3388038	3.81	0.000	.62434	1.954279

w1smoke#c.timew1w3w4						
1	-.0697796	.0486954	-1.43	0.152	-.1654565	.0258973
timew1w3w4	0	(omitted)				
1.w1currrdrugs	1.307759	.4404092	2.97	0.003	.4438584	2.171659
w1currrdrugs#c.timew1w3w4						
1	-.000592	.0652338	-0.01	0.993	-.1294196	.1282355
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0197371	.0141723	-1.39	0.168	-.0480229	.0085486
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0025644	.0019871	-1.29	0.199	-.0065005	.0013717
timew1w3w4	0	(omitted)				
w1BMICent30	.0286856	.0186715	1.54	0.124	-.0079139	.0652852
c.timew1w3w4#c.w1BMICent30	.0004944	.002533	0.20	0.845	-.0044705	.0054593
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2133154	.17575	1.21	0.225	-.1311528	.5577836
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0013848	.023569	0.06	0.953	-.0448099	.0475794
_cons	7.392605	.6557174	11.27	0.000	6.107198	8.678013

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0331254	.	.
sd(_cons)	2.93976	.	.
corr(timew1w3w4,_cons)	-.9999999	.	.
sd(Residual)	3.271767	.	.

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50 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currrdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,331
Group variable: HNDID	Number of groups	=	839
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	0.0759
	Largest FMI	=	0.3499
DF adjustment: Large sample	DF: min	=	39.58
	avg	=	416,758.72
	max	=	8801368.82
Model F test: Equal FMI	F(23,12011.9)	=	5.41
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0450044	.0631269	-0.71	0.476	-.168775	.0787663
w1Agecent48	.0249069	.0096679	2.58	0.010	.0059575	.0438563
c.timew1w3w4#c.w1Agecent48	-.0021506	.001478	-1.46	0.146	-.0050476	.0007464
timew1w3w4	0	(omitted)				
Sex						
Women	0	(omitted)				
Sex#c.timew1w3w4						
Women	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.8594169	.1824227	4.71	0.000	.5018706	1.216963
Race#c.timew1w3w4						
AfrAm	-.1166273	.0274181	-4.25	0.000	-.1703659	-.0628886
timew1w3w4	0	(omitted)				
PovStat						
Below	-.4004736	.1932771	-2.07	0.038	-.7793064	-.0216408
PovStat#c.timew1w3w4						
Below	-.0375821	.0285685	-1.32	0.188	-.0935766	.0184125
timew1w3w4	0	(omitted)				
w1edubr						
2	.2756944	.3855646	0.72	0.475	-.4801096	1.031498
3	.4954342	.4022819	1.23	0.218	-.2931084	1.283977
w1edubr#c.timew1w3w4						
2	.0254611	.0597697	0.43	0.670	-.0916904	.1426126
3	.0943507	.0623008	1.51	0.130	-.0277576	.216459
timew1w3w4	0	(omitted)				
invmillscES	-.006513	.0082897	-0.79	0.432	-.0227607	.0097346
c.timew1w3w4#c.invmillsCES	.0009563	.0012455	0.77	0.443	-.0014847	.0033974
timew1w3w4	0	(omitted)				
1.w1smoke	-.4903778	.2363115	-2.08	0.043	-.9648527	-.0159029
w1smoke#c.timew1w3w4						
1	.0214381	.035267	0.61	0.545	-.0486726	.0915489
timew1w3w4	0	(omitted)				
1.w1curdrugs	-.580466	.2808319	-2.07	0.040	-1.133484	-.027448
w1curdrugs#c.timew1w3w4						
1	.0523057	.0446365	1.17	0.244	-.0360907	.140702
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	.010588	.0089314	1.19	0.241	-.0073301	.0285061
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0000161	.0014633	-0.01	0.991	-.0029746	.0029424

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0145672	.0798465	-0.18	0.855	-.1710635	.141929
w1Agecent48	-.0326945	.0440308	-0.74	0.458	-.1189933	.0536042
c.timew1w3w4#c.w1Agecent48	-.0004305	.0053026	-0.08	0.935	-.0108234	.0099625
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.9630468	.7906878	-1.22	0.223	-2.512766	.5866729
Race#c.timew1w3w4						
AfrAm	-.0897235	.0977065	-0.92	0.358	-.2812247	.1017777
timew1w3w4	0	(omitted)				
PovStat						
Below	4.06497	.8231823	4.94	0.000	2.451562	5.678377
PovStat#c.timew1w3w4						
Below	-.0181095	.0989977	-0.18	0.855	-.2121413	.1759224
timew1w3w4	0	(omitted)				
invmillscES	-.0158507	.0342763	-0.46	0.644	-.083031	.0513296
c.timew1w3w4#c.invmillscES	-.003777	.0036374	-1.04	0.299	-.0109063	.0033522
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.7727583	.3402019	2.27	0.023	.1059749	1.439542
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.003167	.0413104	-0.08	0.939	-.0841339	.0777998
_cons	12.0491	.6275342	19.20	0.000	10.81916	13.27905

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.4561692	.0927419	.3062468	.6794857
sd(_cons)	7.693215	.3518171	7.033666	8.414611
corr(timew1w3w4,_cons)	-.2732223	.1122826	-.4762836	-.0424936
sd(Residual)	6.022367	.1759759	5.687151	6.377341

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61 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,695
Group variable: HNDID	Number of groups	=	618
	Obs per group:		
	min =		1
	avg =		2.7
	max =		3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	DF: min	=	2.26e+59
	avg	=	3.49e+65
	max	=	.
Model F test: Equal FMI	F(11, 7.7e+66)	=	5.14
	Prob > F	=	0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0182448	.0330377	-0.55	0.581	-.0829975	.0465079
w1Agecent48	.0110597	.0186413	0.59	0.553	-.0254765	.0475959
c.timew1w3w4#c.w1Agecent48	-.00351	.0021859	-1.61	0.108	-.0077943	.0007744
timew1w3w4	0 (omitted)					
Sex						
Men	0 (omitted)					
Sex#c.timew1w3w4						
Men	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.5316642	.3346228	-1.59	0.112	-1.187513	.1241844
Race#c.timew1w3w4						
AfrAm	-.032384	.0405347	-0.80	0.424	-.1118307	.0470626
timew1w3w4	0 (omitted)					
PovStat						
Below	1.779923	.3486356	5.11	0.000	1.096609	2.463236
PovStat#c.timew1w3w4						
Below	-.0314045	.0409832	-0.77	0.444	-.1117302	.0489211
timew1w3w4	0 (omitted)					
invmillsCES	-.014134	.0145903	-0.97	0.333	-.0427304	.0144625
c.timew1w3w4#c.invmillsCES	.0004773	.0014988	0.32	0.750	-.0024604	.0034149
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.3974221	.1443308	2.75	0.006	.1145389	.6803053
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0157264	.0171846	-0.92	0.360	-.0494075	.0179547

_cons	3.350038	.2652533	12.63	0.000	2.830151	3.869925
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Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0860901	.0846023	.0125448	.5908047
sd(_cons)	3.131658	.1566863	2.839136	3.45432
corr(timew1w3w4,_cons)	-.6898826	.4682592	-.9890055	.7180137
sd(Residual)	2.754799	.0770054	2.607931	2.909938

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65 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates Imputations = 5

Mixed-effects ML regression Number of obs = 1,695

Group variable: HNDID Number of groups = 618

Obs per group:

min = 1

avg = 2.7

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(11, 6.4e+63) = 3.24

Prob > F = 0.0002

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0286103	.0119459	-2.39	0.017	-.0520238	-.0051968
w1Agecent48	-.00745	.0059435	-1.25	0.210	-.0190991	.0041991
c.timew1w3w4#c.w1Agecent48	.000142	.0007907	0.18	0.857	-.0014077	.0016917
timew1w3w4	0 (omitted)					
Sex						
Men	0 (omitted)					
Sex#c.timew1w3w4						
Men	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.1283611	.106705	-1.20	0.229	-.337499	.0807769
Race#c.timew1w3w4						
AfrAm	.0133292	.0146758	0.91	0.364	-.0154348	.0420932
timew1w3w4	0 (omitted)					

PovStat						
Below	.3493833	.1112684	3.14	0.002	.1313012	.5674654
PovStat#c.timew1w3w4						
Below	.0032921	.014836	0.22	0.824	-.025786	.0323702
timew1w3w4	0 (omitted)					
inv millsCES	-.0020785	.0046855	-0.44	0.657	-.0112619	.0071049
c.timew1w3w4#c.inv millsCES	-.0002557	.0005431	-0.47	0.638	-.0013201	.0008088
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0858942	.0460878	1.86	0.062	-.0044362	.1762246
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0067075	.0062203	-1.08	0.281	-.0188991	.0054841
_cons	.9441155	.0844762	11.18	0.000	.7785453	1.109686

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0196178	.	.	.
sd(_cons)	.8848831	.	.	.
corr(timew1w3w4,_cons)	-1	.	.	.
sd(Residual)	1.015676	.	.	.

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69 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,695
Group variable: HNDID	Number of groups	=	618
	Obs per group:		
	min =		1
	avg =		2.7
	max =		3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	DF: min	=	5.99e+63
	avg	=	5.99e+63
	max	=	.
Model F test: Equal FMI	F(11, 2.8e+66)	=	5.00
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0197376	.0358509	-0.55	0.582	-.090004	.0505289
w1Agecent48	-.0293284	.0178506	-1.64	0.100	-.064315	.0056582
c.timew1w3w4#c.w1Agecent48	.0016159	.0023882	0.68	0.499	-.0030649	.0062967
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.2721436	.3204657	0.85	0.396	-.3559575	.9002447
Race#c.timew1w3w4						
AfrAm	-.0676573	.0440038	-1.54	0.124	-.1539031	.0185886
timew1w3w4	0	(omitted)				
PovStat						
Below	1.448382	.3339346	4.34	0.000	.7938825	2.102882
PovStat#c.timew1w3w4						
Below	-.0146656	.0446715	-0.33	0.743	-.1022201	.0728889
timew1w3w4	0	(omitted)				
invmillscES	-.0062312	.0139758	-0.45	0.656	-.0336233	.0211608
c.timew1w3w4#c.invmillscES	-.0019191	.0016524	-1.16	0.245	-.0051577	.0013194
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2722524	.1382645	1.97	0.049	.001259	.5432459
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.004136	.0186779	0.22	0.825	-.032472	.040744
_cons	5.483053	.2540033	21.59	0.000	4.985216	5.980891

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2146474	.0406953	.1480284	.3112476
sd(_cons)	2.933032	.15559	2.643398	3.2544
corr(timew1w3w4,_cons)	-.3854925	.1023017	-.5662596	-.169343
sd(Residual)	2.715562	.079174	2.564734	2.875259

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73 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,695
Group variable: HNDID	Number of groups	=	618
	Obs per group:		
	min	=	1
	avg	=	2.7
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 1.5e+65)	=	3.75
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0375746	.024709	-1.52	0.128	-.0860033	.0108541
w1Agecent48	.0052417	.0104983	0.50	0.618	-.0153346	.0258179
c.timew1w3w4#c.w1Agecent48	-.0008646	.0016338	-0.53	0.597	-.0040668	.0023375
timew1w3w4	0 (omitted)					
Sex						
Men	0 (omitted)					
Sex#c.timew1w3w4						
Men	0 (omitted)					
timew1w3w4	0 (omitted)					
Race						
AfrAm	.6327445	.1885348	3.36	0.001	.263223	1.002266
Race#c.timew1w3w4						
AfrAm	-.0121178	.0302295	-0.40	0.689	-.0713665	.0471308
timew1w3w4	0 (omitted)					
PovStat						
Below	-.4843672	.1967124	-2.46	0.014	-.8699166	-.0988179
PovStat#c.timew1w3w4						
Below	-.0238198	.0305725	-0.78	0.436	-.0837409	.0361012
timew1w3w4	0 (omitted)					
invmillsCES	-.0062538	.0083122	-0.75	0.452	-.0225453	.0100377
c.timew1w3w4#c.invmillsCES	.0021748	.0011138	1.95	0.051	-8.30e-06	.0043578
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	-.025485	.0815182	-0.31	0.755	-.1852579	.1342878

c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.01341	.0128079	-1.05	0.295	-.0385129	.011693
_cons	9.69044	.1492107	64.94	0.000	9.397992	9.982887

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]		
HNDID: Unstructured					
sd(timew1w3w4)	.0815304
sd(_cons)	1.329154
corr(timew1w3w4,_cons)	1
sd(Residual)	1.999724

```

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76 . save, replace
    file finaldata_imputed_FINAL.dta saved

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79 . //MODEL 2: FULL MODEL///
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81 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
    > c.timew1w3w4##c.w1BMICent30 ///
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
    > if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,687

Group variable: HNDID              Number of groups =    618
                                   Obs per group:
                                   min =      1
                                   avg =    2.7
                                   max =      3
                                   Average RVI      =    0.0710
                                   Largest FMI       =    0.3406
DF adjustment: Large sample      DF: min        =    41.70
                                   avg              = 5467449.88
                                   max              =    1.18e+08
Model F test: Equal FMI          F( 23,13757.7)  =    3.56
                                   Prob > F         =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2771226	.214001	-1.29	0.195	-.6965596	.1423143
w1Agecent48	-.0127319	.0440746	-0.29	0.773	-.0991175	.0736538
c.timew1w3w4#c.w1Agecent48	-.0010771	.0054203	-0.20	0.842	-.0117009	.0095467
timew1w3w4	0 (omitted)					
Sex	0 (omitted)					
Men	0 (omitted)					
Sex#c.timew1w3w4	0 (omitted)					
Men	0 (omitted)					

timew1w3w4	0	(omitted)				
Race						
AfrAm	-1.093593	.7887972	-1.39	0.166	-2.639615	.4524292
Race#c.timew1w3w4						
AfrAm	-.1069415	.0996468	-1.07	0.283	-.3022456	.0883626
timew1w3w4	0	(omitted)				
PovStat						
Below	2.978982	.8463971	3.52	0.000	1.320017	4.637946
PovStat#c.timew1w3w4						
Below	.0051298	.1040848	0.05	0.961	-.1988767	.2091362
timew1w3w4	0	(omitted)				
w1edubr						
2	-.7246961	1.649115	-0.44	0.660	-3.961773	2.512381
3	-3.466438	1.746662	-1.98	0.048	-6.897863	-.0350125
w1edubr#c.timew1w3w4						
2	.2223053	.2074531	1.07	0.284	-.1843	.6289106
3	.2595281	.2165851	1.20	0.231	-.164973	.6840292
timew1w3w4	0	(omitted)				
inv millsCES	-.0108997	.0335713	-0.32	0.745	-.0766982	.0548989
c.timew1w3w4#c.inv millsCES	-.0037712	.0036398	-1.04	0.300	-.010905	.0033626
timew1w3w4	0	(omitted)				
1.w1smoke	.001968	.8996942	0.00	0.998	-1.776639	1.780575
w1smoke#c.timew1w3w4						
1	.1858678	.1127405	1.65	0.099	-.0352514	.406987
timew1w3w4	0	(omitted)				
1.w1curdrugs	1.76425	1.058052	1.67	0.103	-.3714462	3.899947
w1curdrugs#c.timew1w3w4						
1	-.1759297	.1310258	-1.34	0.182	-.4358711	.0840116
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0757903	.0340781	-2.22	0.028	-.1431837	-.0083969
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0051175	.004945	1.03	0.302	-.0046228	.0148577
timew1w3w4	0	(omitted)				
w1BM Icent30	.0249894	.0672445	0.37	0.710	-.1068631	.1568418
c.timew1w3w4#c.w1BM Icent30	.0006639	.0083436	0.08	0.937	-.0156925	.0170202
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.6976987	.3353128	2.08	0.037	.0404971	1.3549
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0010252	.0417067	-0.02	0.980	-.0827699	.0807195
_cons	13.69576	1.702305	8.05	0.000	10.35087	17.04066

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.4443569	.0952076	.2919798	.6762559
sd(_cons)	7.403614	.3528704	6.743303	8.128583
corr(timew1w3w4,_cons)	-.2608122	.1197201	-.4767436	-.0151967
sd(Residual)	6.025394	.1775327	5.687275	6.383615

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84 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMIcent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,695

Group variable: HNDID

Number of groups = 618

Obs per group:

min = 1

avg = 2.7

max = 3

Average RVI = 0.0522

Largest FMI = 0.2044

DF adjustment: Large sample

DF: min = 110.61

avg = 9620712.66

max = 2.36e+08

Model F test: Equal FMI

F(23,23874.9) = 3.30

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1691911	.0888335	-1.90	0.057	-.3433067	.0049245
w1Agecent48	.0177279	.0188436	0.94	0.347	-.0192053	.0546611
c.timew1w3w4#c.w1Agecent48	-.0035829	.002227	-1.61	0.108	-.0079478	.0007819
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.5707526	.3367778	-1.69	0.090	-1.230825	.08932
Race#c.timew1w3w4						
AfrAm	-.0409939	.0413248	-0.99	0.321	-.1219891	.0400013
timew1w3w4	0	(omitted)				
PovStat						
Below	1.463954	.3612928	4.05	0.000	.7558265	2.172081

PovStat#c.timew1w3w4						
Below	-.0159385	.0429823	-0.37	0.711	-.1001834	.0683063
timew1w3w4	0	(omitted)				
wledubr						
2	-.144308	.7138741	-0.20	0.840	-1.547214	1.258598
3	-1.224492	.7517394	-1.63	0.104	-2.702195	.2532119
wledubr#c.timew1w3w4						
2	.1094444	.0857382	1.28	0.202	-.0586032	.2774919
3	.1728077	.0896135	1.93	0.054	-.0028355	.3484509
timew1w3w4	0	(omitted)				
inv mills CES	-.0122293	.014424	-0.85	0.397	-.0404999	.0160413
c.timew1w3w4#c.inv mills CES	.0003168	.0014943	0.21	0.832	-.002612	.0032457
timew1w3w4	0	(omitted)				
1.w1smoke	-.2336991	.3774007	-0.62	0.536	-.9766754	.5092772
w1smoke#c.timew1w3w4						
1	.0714061	.046127	1.55	0.122	-.0190163	.1618285
timew1w3w4	0	(omitted)				
1.w1currrdrugs	.6040733	.4208797	1.44	0.154	-.2299606	1.438107
w1currrdrugs#c.timew1w3w4						
1	-.0447095	.053326	-0.84	0.403	-.1501958	.0607768
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0206802	.014537	-1.42	0.156	-.0493431	.0079827
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0013849	.0019749	0.70	0.483	-.0024912	.005261
timew1w3w4	0	(omitted)				
w1BM Icent30	.0088025	.0285889	0.31	0.758	-.0472405	.0648455
c.timew1w3w4#c.w1BM Icent30	-.0008282	.0034308	-0.24	0.809	-.0075528	.0058964
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.3695415	.1435788	2.57	0.010	.088132	.650951
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0143629	.0172564	-0.83	0.405	-.0481848	.0194591
_cons	3.966045	.7306438	5.43	0.000	2.52983	5.402261

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0639942	.1138913	.0019554	2.094283
sd(_cons)	3.050767	.1573113	2.757511	3.375211
corr(timew1w3w4,_cons)	-.810808	1.189082	-.9999997	.9999764
sd(Residual)	2.758158	.0772588	2.610815	2.913817

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88 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)
```

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,695
Group variable: HNDID	Number of groups	=	618
	Obs per group:		
	min	=	1
	avg	=	2.7
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(23,31101.2)	=	2.18
	Prob > F	=	0.0009

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0339764	.0324989	-1.05	0.296	-.0976797	.0297268
w1Agecent48	-.0055468	.0060289	-0.92	0.358	-.0173633	.0062697
c.timew1w3w4#c.w1Agecent48	.0000456	.0008093	0.06	0.955	-.0015406	.0016319
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.1343217	.1082485	-1.24	0.215	-.346487	.0778437
Race#c.timew1w3w4						
AfrAm	.0130298	.0150689	0.86	0.387	-.0165049	.0425644
timew1w3w4	0	(omitted)				
PovStat						
Below	.2729276	.1162327	2.35	0.019	.0451093	.5007459
PovStat#c.timew1w3w4						
Below	.0043355	.0156338	0.28	0.782	-.0263062	.0349772
timew1w3w4	0	(omitted)				
w1edubr						
2	.005156	.2225913	0.02	0.982	-.4312211	.4415332
3	-.2749312	.2332871	-1.18	0.239	-.7322336	.1823712

wledubr#c.timew1w3w4							
2	-.0001259	.0312818	-0.00	0.997	-.06144	.0611882	
3	.0079304	.0327779	0.24	0.809	-.056319	.0721798	
timew1w3w4	0	(omitted)					
inv millsCES	-.0016482	.0046541	-0.35	0.723	-.01077	.0074736	
c.timew1w3w4#c.inv millsCES	-.0002413	.0005458	-0.44	0.658	-.001311	.0008284	
timew1w3w4	0	(omitted)					
1.w1smoke	-.1092264	.118373	-0.92	0.356	-.3413181	.1228653	
w1smoke#c.timew1w3w4							
1	.0159256	.0170686	0.93	0.351	-.0175598	.049411	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	.1596339	.1389913	1.15	0.253	-.1159596	.4352273	
w1currrdrugs#c.timew1w3w4							
1	-.0194939	.0179259	-1.09	0.277	-.0546399	.0156521	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0072484	.0052665	-1.38	0.173	-.0177542	.0032575	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.000236	.0007467	0.32	0.752	-.0012364	.0017084	
timew1w3w4	0	(omitted)					
w1BM Icent30	-.0000295	.0091343	-0.00	0.997	-.0179333	.0178743	
c.timew1w3w4#c.w1BM Icent30	-.0000806	.0012484	-0.06	0.949	-.0025275	.0023664	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.0767626	.0460653	1.67	0.096	-.0135237	.1670489	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0064864	.0062795	-1.03	0.302	-.018794	.0058212	
_cons	1.073957	.2254765	4.76	0.000	.6320123	1.515902	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0189322	.	.
sd(_cons)	.8660334	.	.
corr(timew1w3w4,_cons)	-1	.	.
sd(Residual)	1.015058	.	.

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92 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,695
Group variable: HNDID	Number of groups	=	618
	Obs per group:		
	min	=	1
	avg	=	2.7
	max	=	3
	Average RVI	=	0.0517
	Largest FMI	=	0.2711
DF adjustment: Large sample	DF: min	=	64.59
	avg	=	2386184.43
	max	=	5.57e+07
Model F test: Equal FMI	F(23,25230.9)	=	4.30
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0801001	.0964701	-0.83	0.406	-.26918	.1089798
w1Agecent48	-.022733	.0178708	-1.27	0.203	-.0577591	.0122932
c.timew1w3w4#c.w1Agecent48	.001627	.0024539	0.66	0.507	-.0031826	.0064366
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.2342435	.3204703	0.73	0.465	-.3938695	.8623566
Race#c.timew1w3w4						
AfrAm	-.0780667	.0451255	-1.73	0.084	-.1665111	.0103777
timew1w3w4	0	(omitted)				
PovStat						
Below	.9821569	.3454347	2.84	0.004	.3050624	1.659251
PovStat#c.timew1w3w4						
Below	-.0152653	.0472993	-0.32	0.747	-.1079734	.0774428
timew1w3w4	0	(omitted)				
w1edubr						
2	-.1029326	.6503237	-0.16	0.874	-1.377558	1.171693
3	-1.129162	.6927412	-1.63	0.103	-2.487346	.2290211
w1edubr#c.timew1w3w4						

	2	.0398232	.0943559	0.42	0.673	-.1451453	.2247917
	3	.0503555	.0980567	0.51	0.608	-.1418394	.2425503
	timew1w3w4	0	(omitted)				
	inv millsCES	-.0038598	.0137104	-0.28	0.778	-.0307317	.023012
	c.timew1w3w4#c.inv millsCES	-.0018378	.0016628	-1.11	0.269	-.0050969	.0014213
	timew1w3w4	0	(omitted)				
	1.w1smoke	.2988912	.3674059	0.81	0.417	-.4251555	1.022938
	w1smoke#c.timew1w3w4						
	1	.073206	.0509915	1.44	0.151	-.0268005	.1732125
	timew1w3w4	0	(omitted)				
	1.w1currrdrugs	.4929757	.398101	1.24	0.217	-.2928495	1.278801
	w1currrdrugs#c.timew1w3w4						
	1	-.0318665	.0590111	-0.54	0.590	-.1488734	.0851404
	timew1w3w4	0	(omitted)				
	w1hei2010_total_scorecent43	-.0343916	.0153959	-2.23	0.029	-.065143	-.0036402
	c.timew1w3w4#c.w1hei2010_total_scorecent43	.0013828	.0022368	0.62	0.537	-.0030253	.005791
	timew1w3w4	0	(omitted)				
	w1BM Icent30	.0253493	.0273148	0.93	0.353	-.0282031	.0789017
	c.timew1w3w4#c.w1BM Icent30	8.70e-06	.0037655	0.00	0.998	-.0073722	.0073896
	timew1w3w4	0	(omitted)				
	zw1w3w4HCysTRAJ	.2475223	.1364905	1.81	0.070	-.0199944	.5150391
	c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0049729	.018937	0.26	0.793	-.0321436	.0420894
	_cons	5.866583	.6730573	8.72	0.000	4.546994	7.186171

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2156562	.0407681	.1488831	.3123767
sd(_cons)	2.815019	.1572877	2.523005	3.140831
corr(timew1w3w4,_cons)	-.4149192	.1017492	-.5931057	-.1979848
sd(Residual)	2.715945	.0795316	2.564449	2.87639

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96 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrgs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMIcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Sex==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,695

Group variable: HNDID
Number of groups =      618
Obs per group:
    min =      1
    avg =     2.7
    max =      3
Average RVI      =      .
Largest FMI      =      .
DF adjustment:   Large sample    DF: min         =     0.00
                                avg         =      .
                                max         =      .
Model F test:     Equal FMI      F( 23, 9562.7) =     2.78
                                Prob > F      =     0.0000

```

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0033609	.0672293	0.05	0.960	-.1284416	.1351634
w1Agecent48	.0004932	.0106209	0.05	0.963	-.0203236	.0213099
c.timew1w3w4#c.w1Agecent48	-.0006012	.0016716	-0.36	0.719	-.0038774	.0026751
timew1w3w4	0	(omitted)				
Sex						
Men	0	(omitted)				
Sex#c.timew1w3w4						
Men	0	(omitted)				
timew1w3w4	0	(omitted)				
Race						
AfrAm	.6528887	.1905164	3.43	0.001	.2794767	1.026301
Race#c.timew1w3w4						
AfrAm	-.0075783	.0309704	-0.24	0.807	-.0682792	.0531226
timew1w3w4	0	(omitted)				
PovStat						
Below	-.2657668	.2038013	-1.30	0.192	-.6652109	.1336772
PovStat#c.timew1w3w4						
Below	-.0266296	.032154	-0.83	0.408	-.0896503	.0363911
timew1w3w4	0	(omitted)				
w1edubr						
2	.2776935	.3904581	0.71	0.477	-.4876628	1.04305
3	.6237852	.4096666	1.52	0.128	-.1791908	1.426761
w1edubr#c.timew1w3w4						
2	-.0588963	.0643324	-0.92	0.360	-.1849889	.0671962

3		- .0192379	.0677207	-0.28	0.776	- .151989	.1135131
	timew1w3w4	0 (omitted)					
	inv millsCES	- .0066669	.0082175	-0.81	0.417	- .0227729	.0094391
	c.timew1w3w4#c.inv millsCES	.002071	.0011184	1.85	0.064	- .000121	.0042629
	timew1w3w4	0 (omitted)					
	1.w1smoke	.0535848	.2477615	0.22	0.830	- .4467002	.5538698
	w1smoke#c.timew1w3w4						
	1	- .0412274	.0360592	-1.14	0.254	- .1121557	.0297009
	timew1w3w4	0 (omitted)					
	1.w1currdrugs	- .4519255	.2544363	-1.78	0.080	- .9601938	.0563427
	w1currdrugs#c.timew1w3w4						
	1	.0546428	.0386733	1.41	0.159	- .0215243	.1308099
	timew1w3w4	0 (omitted)					
	w1hei2010_total_scorecent43	.0212817	.0105039	2.03	0.053	- .0003153	.0428788
	c.timew1w3w4#c.w1hei2010_total_scorecent43	- .0021181	.0015263	-1.39	0.167	- .0051268	.0008906
	timew1w3w4	0 (omitted)					
	w1BM Icent30	.0071006	.0162481	0.44	0.662	- .0247561	.0389573
	c.timew1w3w4#c.w1BM Icent30	- .0015713	.0025867	-0.61	0.544	- .0066422	.0034995
	timew1w3w4	0 (omitted)					
	zw1w3w4HCysTRAJ	- .0066389	.0813677	-0.08	0.935	- .1661192	.1528414
	c.timew1w3w4#c.zw1w3w4HCysTRAJ	- .0137201	.0129411	-1.06	0.289	- .0390844	.0116441
	_cons	9.338056	.4043055	23.10	0.000	8.545175	10.13094

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0831608	.	.
sd(_cons)	1.278656	.	.
corr(timew1w3w4,_cons)	1	.	.
sd(Residual)	1.992785	.	.

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101 . *****INTERACTION BY SEX*****
102 .
103 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
104 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,009

Group variable: HNDID
                                Number of groups   =    1,457
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI         =    0.0000
                                Largest FMI          =    0.0000
DF adjustment: Large sample      DF: min       =    9.90e+55
                                    avg              =    9.90e+55
                                    max              =      .
Model F test: Equal FMI          F( 15, . )      =    9.02
                                    Prob > F        =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1988907	.0634505	-3.13	0.002	-.3232515	-.07453
w1Agecent48	-.0964803	.0304275	-3.17	0.002	-.156117	-.0368435
c.timew1w3w4#c.w1Agecent48	.0007262	.0036244	0.20	0.841	-.0063775	.0078298
timew1w3w4	0 (omitted)					
Sex						
Men	-2.447446	.5674411	-4.31	0.000	-3.55961	-1.335282
Sex#c.timew1w3w4						
Men	.0611148	.0668162	0.91	0.360	-.0698425	.1920721
timew1w3w4	0 (omitted)					
Race						
AfrAm	-1.619394	.5669624	-2.86	0.004	-2.73062	-.5081679
Race#c.timew1w3w4						
AfrAm	.0927426	.0676277	1.37	0.170	-.0398052	.2252904
timew1w3w4	0 (omitted)					
PovStat						
Below	4.203915	.5852719	7.18	0.000	3.056803	5.351026
PovStat#c.timew1w3w4						
Below	-.0061096	.0680265	-0.09	0.928	-.1394391	.12722
timew1w3w4	0 (omitted)					
invmillscES	-.0072794	.0251992	-0.29	0.773	-.0566689	.04211
c.timew1w3w4#c.invmillsCES	-.0020277	.0027822	-0.73	0.466	-.0074808	.0034254
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.6963054	.4373726	1.59	0.111	-.1609291	1.55354

c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.023202	.0517913	-0.45	0.654	-.1247111	.0783072
Sex#c.zw1w3w4HCysTRAJ Men	.0789137	.5756517	0.14	0.891	-1.049343	1.20717
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ Men	.004043	.0679959	0.06	0.953	-.1292264	.1373124
_cons	14.84253	.5201812	28.53	0.000	13.823	15.86207

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2034773	.1769491	.0370075	1.118775
sd(_cons)	8.295071	.2675829	7.786854	8.836458
corr(timew1w3w4,_cons)	-.3126285	.1884756	-.6248222	.0857537
sd(Residual)	7.107395	.1363343	6.845145	7.379692

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107 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4#c.zw1w3w4HCysTRAJ ##Sex ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates Imputations = 5

Mixed-effects ML regression Number of obs = 4,026

Group variable: HNDID Number of groups = 1,457

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI F(15, 3.3e+63) = 9.94

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0977002	.0276858	-3.53	0.000	-.1519633	-.043437
w1Agecent48	-.0274229	.013295	-2.06	0.039	-.0534806	-.0013652
c.timew1w3w4#c.w1Agecent48	-.0020506	.0015814	-1.30	0.195	-.0051501	.001049
timew1w3w4	0 (omitted)					
Sex						
Men	-1.358171	.2478868	-5.48	0.000	-1.844021	-.8723221
Sex#c.timew1w3w4						
Men	.0513229	.0291825	1.76	0.079	-.0058738	.1085195
timew1w3w4	0 (omitted)					

Race						
AfrAm	-.597445	.2477009	-2.41	0.016	-1.08293	-.1119601
Race#c.timew1w3w4						
AfrAm	.0062289	.0295429	0.21	0.833	-.0516741	.0641319
timew1w3w4	0	(omitted)				
PovStat						
Below	1.674589	.255789	6.55	0.000	1.173251	2.175926
PovStat#c.timew1w3w4						
Below	-.0183317	.0297451	-0.62	0.538	-.076631	.0399676
timew1w3w4	0	(omitted)				
invmlsCES	-.0100421	.011027	-0.91	0.362	-.0316546	.0115704
c.timew1w3w4#c.invmlsCES	.0006527	.0012222	0.53	0.593	-.0017428	.0030481
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0886061	.1911404	0.46	0.643	-.2860222	.4632344
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0008613	.0226878	0.04	0.970	-.043606	.0453285
Sex#c.zw1w3w4HCysTRAJ						
Men	.2937895	.2516412	1.17	0.243	-.1994182	.7869973
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
Men	-.0189781	.029769	-0.64	0.524	-.0773243	.0393681
_cons	4.775745	.2272644	21.01	0.000	4.330315	5.221175

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0585144	.	.
sd(_cons)	3.592308	.	.
corr(timew1w3w4,_cons)	-1	.	.
sd(Residual)	3.162368	.	.

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111 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates Imputations = 5
Mixed-effects ML regression Number of obs = 4,026

Group variable: **HNDID**Number of groups = **1,457**

Obs per group:

min = **1**avg = **2.8**max = **3**Average RVI = **.**Largest FMI = **.**DF adjustment: **Large sample**DF: min = **0.00**avg = **.**max = **.**Model F test: **Equal FMI**F(15, 1.1e+68) = **4.75**Prob > F = **0.0000**

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0084704	.0087132	-0.97	0.331	-.0255481	.0086072
w1Agecent48	-.0108704	.0035608	-3.05	0.002	-.0178495	-.0038912
c.timew1w3w4#c.w1Agecent48	-.0000922	.0004977	-0.19	0.853	-.0010678	.0008833
timew1w3w4	0	(omitted)				
Sex						
Men	.0840211	.0663861	1.27	0.206	-.0460932	.2141354
Sex#c.timew1w3w4						
Men	-.011969	.0091857	-1.30	0.193	-.0299727	.0060346
timew1w3w4	0	(omitted)				
Race						
AfrAm	.0088435	.0663461	0.13	0.894	-.1211925	.1388796
Race#c.timew1w3w4						
AfrAm	.0034547	.0093005	0.37	0.710	-.0147739	.0216832
timew1w3w4	0	(omitted)				
PovStat						
Below	.323375	.0685783	4.72	0.000	.188964	.4577859
PovStat#c.timew1w3w4						
Below	-.0016919	.0093638	-0.18	0.857	-.0200447	.0166609
timew1w3w4	0	(omitted)				
invmillscES	.0018012	.0029663	0.61	0.544	-.0040126	.007615
c.timew1w3w4#c.invmillsCES	-.0003439	.0003851	-0.89	0.372	-.0010987	.000411
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0724457	.0512294	1.41	0.157	-.027962	.1728535
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0063096	.0071431	-0.88	0.377	-.0203097	.0076905
Sex#c.zw1w3w4HCysTRAJ						
Men	.0042205	.0674718	0.06	0.950	-.1280218	.1364627
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
Men	-.0002973	.0093707	-0.03	0.975	-.0186636	.018069
_cons	.7873216	.0607859	12.95	0.000	.6681835	.9064597

PovStat#c.timew1w3w4 Below	-.0221192	.029837	-0.74	0.458	-.0805986	.0363601
timew1w3w4 inv millsCES	0 (omitted)					
c.timew1w3w4#c.inv millsCES	-.0050555	.0099548	-0.51	0.612	-.0245666	.0144555
c.timew1w3w4#c.inv millsCES	-.0008771	.0012242	-0.72	0.474	-.0032765	.0015223
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)					
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.3310581	.1723567	1.92	0.055	-.0067547	.668871
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0015481	.0227189	0.07	0.946	-.0429801	.0460762
Sex#c.zw1w3w4HCysTRAJ Men	-.0346756	.2269592	-0.15	0.879	-.4795075	.4101564
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ Men	-.0043007	.0298214	-0.14	0.885	-.0627497	.0541482
_cons	6.661253	.2048181	32.52	0.000	6.259817	7.062689

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1388591	.0480428	.0704812	.2735741
sd(_cons)	3.07426	.1145006	2.857838	3.307071
corr(timew1w3w4,_cons)	-.3639397	.1062014	-.5520672	-.1405527
sd(Residual)	3.056366	.0574579	2.9458	3.171082

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119 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	DF: min	=	1.77e+60
	avg	=	1.77e+60
	max	=	.
Model F test: Equal FMI	F(15, .)	=	8.42
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0001943	.0188769	0.01	0.992	-.0368037	.0371923
w1Agecent48	.0207284	.0070769	2.93	0.003	.0068579	.0345989
c.timew1w3w4#c.w1Agecent48	-.0018972	.0010772	-1.76	0.078	-.0040085	.0002141
timew1w3w4	0	(omitted)				
Sex						
Men	.2672402	.1319284	2.03	0.043	.0086652	.5258151
Sex#c.timew1w3w4						
Men	.0068753	.0198633	0.35	0.729	-.0320561	.0458067
timew1w3w4	0	(omitted)				
Race						
AfrAm	.7528642	.1318606	5.71	0.000	.4944221	1.011306
Race#c.timew1w3w4						
AfrAm	-.0754592	.0200903	-3.76	0.000	-.1148355	-.0360828
timew1w3w4	0	(omitted)				
PovStat						
Below	-.542979	.1363152	-3.98	0.000	-.8101519	-.2758061
PovStat#c.timew1w3w4						
Below	-.0384515	.0202313	-1.90	0.057	-.0781042	.0012012
timew1w3w4	0	(omitted)				
invmillscES	-.0062397	.0059009	-1.06	0.290	-.0178052	.0053258
c.timew1w3w4#c.invmillsCES	.0014917	.0008268	1.80	0.071	-.0001288	.0031122
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	-.1523538	.1018147	-1.50	0.135	-.3519069	.0471993
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0159688	.0154139	1.04	0.300	-.0142419	.0461794
Sex#c.zw1w3w4HCysTRAJ						
Men	.1306634	.1341199	0.97	0.330	-.1322067	.3935335
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
Men	-.0253862	.0202334	-1.25	0.210	-.0650429	.0142706
_cons	9.368278	.1208106	77.55	0.000	9.131494	9.605063

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0761631	.041996	.0258462	.2244363
sd(_cons)	1.539926	.085428	1.381271	1.716803
corr(timew1w3w4,_cons)	.717802	.6585182	-.9424358	.9984017
sd(Residual)	2.085138	.0401926	2.007832	2.165421


```

120 .
121 .
122 . save, replace
    file finaldata_imputed_FINAL.dta saved

123 .
124 .
125 .
126 . //MODEL 2: FULL MODEL///
127 .
128 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
    > c.timew1w3w4##c.w1BMICent30 ///
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
    > if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,009

Group variable: HNDID
                                Number of groups =    1,457
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =    0.0675
                                Largest FMI       =    0.3130
DF adjustment: Large sample      DF:      min      =    49.06
                                    avg           = 243,472.78
                                    max           = 3827544.53
Model F test: Equal FMI          F( 27,19076.4) =    8.60
                                Prob > F         =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2615333	.1568562	-1.67	0.095	-.5689729	.0459062
w1Agecent48	-.0694715	.0302339	-2.30	0.022	-.1287297	-.0102134
c.timew1w3w4#c.w1Agecent48	-.0000649	.0037093	-0.02	0.986	-.0073351	.0072053
timew1w3w4	0 (omitted)					
Sex						
Men	-2.894912	.5677184	-5.10	0.000	-4.007646	-1.782178
Sex#c.timew1w3w4						
Men	.0804016	.0686684	1.17	0.242	-.0541883	.2149915
timew1w3w4	0 (omitted)					
Race						
AfrAm	-1.789946	.5589286	-3.20	0.001	-2.885458	-.694434
Race#c.timew1w3w4						
AfrAm	.0830718	.0687875	1.21	0.227	-.0517505	.2178942
timew1w3w4	0 (omitted)					
PovStat						
Below	2.932096	.5961641	4.92	0.000	1.763543	4.100649
PovStat#c.timew1w3w4						
Below	.0095306	.071696	0.13	0.894	-.130994	.1500552

timew1w3w4	0	(omitted)					
wledubr							
2	-1.290717	1.174729	-1.10	0.272	-3.594369	1.012935	
3	-3.478939	1.230463	-2.83	0.005	-5.891853	-1.066025	
wledubr#c.timew1w3w4							
2	.1395007	.1479018	0.94	0.346	-.1503886	.4293899	
3	.0813062	.1541527	0.53	0.598	-.2208284	.3834407	
timew1w3w4	0	(omitted)					
inv millsCES	-.0068474	.0245725	-0.28	0.781	-.0550086	.0413138	
c.timew1w3w4#c.inv millsCES	-.0016179	.0027949	-0.58	0.563	-.0070959	.00386	
timew1w3w4	0	(omitted)					
1.w1smoke	1.899966	.61961	3.07	0.002	.6819323	3.118	
w1smoke#c.timew1w3w4							
1	-.0408239	.0795369	-0.51	0.608	-.1968566	.1152088	
timew1w3w4	0	(omitted)					
1.w1curdrugs	2.824043	.8081493	3.49	0.001	1.211667	4.436418	
w1curdrugs#c.timew1w3w4							
1	-.1648082	.1068823	-1.54	0.129	-.3789469	.0493304	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0575892	.0261677	-2.20	0.032	-.1101736	-.0050048	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0004984	.0032888	-0.15	0.880	-.0069663	.0059694	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0676539	.0386381	1.75	0.080	-.0080846	.1433924	
c.timew1w3w4#c.w1BM Icent30	.0012441	.0047155	0.26	0.792	-.0079982	.0104864	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.4925987	.4279282	1.15	0.250	-.3461327	1.33133	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0223767	.0521692	-0.43	0.668	-.1246278	.0798743	
Sex#c.zw1w3w4HCysTRAJ							
Men	.2568305	.5632778	0.46	0.648	-.8471763	1.360837	
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
Men	.0008231	.0684936	0.01	0.990	-.1334224	.1350686	
_cons	16.26259	1.229284	13.23	0.000	13.85265	18.67253	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2073766	.1757832	.0393759	1.092167
sd(_cons)	7.913745	.268123	7.4053	8.457098
corr(timew1w3w4,_cons)	-.3094882	.1858142	-.6186171	.0826143
sd(Residual)	7.110767	.1377106	6.845875	7.385908

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130 .

131 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(27,24762.1)	=	7.87
	Prob > F	=	0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1278628	.0683098	-1.87	0.061	-.2617492	.0060237
w1Agecent48	-.016696	.0133166	-1.25	0.210	-.0427964	.0094045
c.timew1w3w4#c.w1Agecent48	-.0024332	.001617	-1.50	0.132	-.0056025	.0007362
timew1w3w4	0	(omitted)				
Sex						
Men	-1.521405	.2496068	-6.10	0.000	-2.01063	-1.032181
Sex#c.timew1w3w4						
Men	.0609774	.0299572	2.04	0.042	.0022617	.1196931
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.6807847	.2455003	-2.77	0.006	-1.161959	-.1996103
Race#c.timew1w3w4						
AfrAm	.00334	.0300181	0.11	0.911	-.0554947	.0621747
timew1w3w4	0	(omitted)				
PovStat						
Below	1.217221	.2623782	4.64	0.000	.7029397	1.731503
PovStat#c.timew1w3w4						
Below	-.004249	.0312997	-0.14	0.892	-.0655958	.0570979
timew1w3w4	0	(omitted)				
w1edubr						
2	-.350104	.521479	-0.67	0.502	-1.373213	.6730044
3	-1.145555	.5413645	-2.12	0.034	-2.207105	-.0840056
w1edubr#c.timew1w3w4						

2	.0488932	.0645068	0.76	0.448	-.0775424	.1753289
3	.0514823	.0673542	0.76	0.445	-.0805318	.1834963
timew1w3w4	0	(omitted)				
inv millsCES	-.0100586	.0108339	-0.93	0.353	-.0312926	.0111754
c.timew1w3w4#c.inv millsCES	.0007877	.0012257	0.64	0.520	-.0016146	.00319
timew1w3w4	0	(omitted)				
1.w1smoke	.6997411	.2672547	2.62	0.009	.1754947	1.223987
w1smoke#c.timew1w3w4						
1	-.0288903	.0341167	-0.85	0.397	-.0957656	.0379849
timew1w3w4	0	(omitted)				
1.w1currrdrugs	1.217544	.337689	3.61	0.000	.5511113	1.883977
w1currrdrugs#c.timew1w3w4						
1	-.0511237	.04485	-1.14	0.257	-.1401992	.0379518
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.017167	.0125195	-1.37	0.182	-.0428642	.0085302
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0001075	.0014584	-0.07	0.941	-.0029824	.0027674
timew1w3w4	0	(omitted)				
w1BMICent30	.0282909	.0169125	1.67	0.094	-.0048575	.0614392
c.timew1w3w4#c.w1BMICent30	.0010748	.0020613	0.52	0.602	-.0029653	.0051149
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.014862	.1883655	0.08	0.937	-.3543295	.3840535
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0013198	.0227827	0.06	0.954	-.0433334	.045973
Sex#c.zw1w3w4HCysTRAJ						
Men	.3628686	.248039	1.46	0.143	-.1232795	.8490167
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
Men	-.0194125	.0299307	-0.65	0.517	-.0780757	.0392506
_cons	5.152668	.5412252	9.52	0.000	4.091639	6.213697

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0559344	.	.
sd(_cons)	3.470054	.	.
corr(timew1w3w4,_cons)	-1	.	.
sd(Residual)	3.163938	.	.

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133 .
134 .

135 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(27,61666.1)	=	3.68
	Prob > F	=	0.0000

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0137254	.0214779	-0.64	0.523	-.0558216	.0283707
w1Agecent48	-.0089964	.0036103	-2.49	0.013	-.0160725	-.0019203
c.timew1w3w4#c.w1Agecent48	-.0001944	.000509	-0.38	0.702	-.0011921	.0008033
timew1w3w4	0	(omitted)				
Sex						
Men	.0548547	.0677652	0.81	0.418	-.0779647	.1876742
Sex#c.timew1w3w4						
Men	-.0101078	.0094253	-1.07	0.284	-.0285813	.0083657
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.001755	.0666298	-0.03	0.979	-.1323481	.1288381
Race#c.timew1w3w4						
AfrAm	.0032804	.0094369	0.35	0.728	-.0152157	.0217764
timew1w3w4	0	(omitted)				
PovStat						
Below	.2469314	.0709396	3.48	0.000	.1078914	.3859715
PovStat#c.timew1w3w4						
Below	-.0000233	.009851	-0.00	0.998	-.0193311	.0192845
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0633781	.1399862	-0.45	0.651	-.3377963	.2110402
3	-.2442145	.1453437	-1.68	0.093	-.5290849	.0406558

wledubr#c.timew1w3w4							
2	.0074767	.0202318	0.37	0.712	-.032177	.0471304	
3	.0074782	.0212586	0.35	0.725	-.03419	.0491465	
timew1w3w4	0	(omitted)					
invmillsCES	.0019829	.0029497	0.67	0.501	-.0037984	.0077641	
c.timew1w3w4#c.invmillsCES	-.0003242	.0003859	-0.84	0.401	-.0010807	.0004322	
timew1w3w4	0	(omitted)					
1.w1smoke	.0336366	.0756459	0.44	0.657	-.1149205	.1821936	
w1smoke#c.timew1w3w4							
1	.0026353	.0106567	0.25	0.805	-.0182518	.0235224	
timew1w3w4	0	(omitted)					
1.w1currdrugs	.2249446	.0971798	2.31	0.023	.0321137	.4177755	
w1currdrugs#c.timew1w3w4							
1	-.0203569	.0131881	-1.54	0.123	-.0462778	.0055641	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0045562	.003343	-1.36	0.179	-.0112831	.0021708	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0001117	.0004723	0.24	0.813	-.0008242	.0010476	
timew1w3w4	0	(omitted)					
w1BMICent30	.0041939	.0046227	0.91	0.364	-.0048672	.0132551	
c.timew1w3w4#c.w1BMICent30	-.0000104	.0006472	-0.02	0.987	-.001279	.0012581	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.0622399	.0510329	1.22	0.223	-.0377827	.1622625	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0062186	.0071676	-0.87	0.386	-.0202669	.0078297	
Sex#c.zw1w3w4HCysTRAJ							
Men	.0116712	.0673292	0.17	0.862	-.1202917	.1436342	
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
Men	-.0004237	.0094186	-0.04	0.964	-.0188838	.0180365	
_cons	.90375	.1472767	6.14	0.000	.6150554	1.192445	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0066965	.	.
sd(_cons)	.8137062	.	.
corr(timew1w3w4,_cons)	-.9999923	.	.
sd(Residual)	1.002012	.	.

136 .
137 .
138 .

139 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMIcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0517
	Largest FMI	=	0.3080
DF adjustment: Large sample	DF: min	=	50.59
	avg	=	295,641.62
	max	=	6394131.33
Model F test: Equal FMI	F(27,31916.3)	=	10.67
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1361009	.0687562	-1.98	0.048	-.2708693	-.0013325
w1Agecent48	-.0270342	.0118859	-2.27	0.023	-.0503301	-.0037382
c.timew1w3w4#c.w1Agecent48	.0009399	.0016237	0.58	0.563	-.0022426	.0041224
timew1w3w4	0 (omitted)					
Sex						
Men	-1.094484	.2232633	-4.90	0.000	-1.532079	-.6568896
Sex#c.timew1w3w4						
Men	.0312546	.0301446	1.04	0.300	-.0278291	.0903383
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.3485852	.2200079	-1.58	0.113	-.779805	.0826345
Race#c.timew1w3w4						
AfrAm	.0028634	.0301663	0.09	0.924	-.0562624	.0619892
timew1w3w4	0 (omitted)					
PovStat						
Below	1.114918	.2347215	4.75	0.000	.6548434	1.574992
PovStat#c.timew1w3w4						
Below	-.0196057	.0314771	-0.62	0.533	-.0813008	.0420895
timew1w3w4	0 (omitted)					
w1edubr						
2	-.4730503	.4581327	-1.03	0.302	-1.371044	.4249429
3	-1.430353	.4863875	-2.94	0.003	-2.384119	-.4765871

wledubr#c.timew1w3w4							
2	.0595653	.0649393	0.92	0.359	-.0677264	.186857	
3	.0543746	.067547	0.80	0.421	-.0780171	.1867662	
timew1w3w4	0	(omitted)					
inv millsCES	-.0048618	.0096967	-0.50	0.616	-.023867	.0141435	
c.timew1w3w4#c.inv millsCES	-.0007108	.0012324	-0.58	0.564	-.0031263	.0017046	
timew1w3w4	0	(omitted)					
1.w1smoke	.8980121	.2548867	3.52	0.001	.3956474	1.400377	
w1smoke#c.timew1w3w4							
1	-.0080495	.0348817	-0.23	0.818	-.0764886	.0603896	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	.8952544	.302824	2.96	0.003	.2990518	1.491457	
w1currrdrugs#c.timew1w3w4							
1	-.026258	.0471955	-0.56	0.580	-.1210253	.0685094	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0250006	.0099659	-2.51	0.013	-.0446957	-.0053054	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0011365	.0014392	-0.79	0.430	-.0039675	.0016945	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0264688	.0152437	1.74	0.083	-.0034125	.05635	
c.timew1w3w4#c.w1BM Icent30	.0005573	.0020741	0.27	0.788	-.0035079	.0046225	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.2441685	.1686204	1.45	0.148	-.0863269	.574664	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0012332	.0229192	0.05	0.957	-.0436884	.0461548	
Sex#c.zw1w3w4HCysTRAJ							
Men	.0364406	.2218798	0.16	0.870	-.3984372	.4713184	
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
Men	-.0045901	.0300792	-0.15	0.879	-.0635445	.0543642	
_cons	7.202311	.4867072	14.80	0.000	6.248102	8.156519	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1442168	.046864	.0762767	.2726715
sd(_cons)	2.908359	.11567	2.69026	3.14414
corr(timew1w3w4,_cons)	-.4051627	.1023881	-.5849144	-.1874761
sd(Residual)	3.057076	.0578406	2.945775	3.172583


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140 .
141 .
142 .
143 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Sex ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,026

Group variable: HNDID
Number of groups =    1,457
Obs per group:
    min =      1
    avg =     2.8
    max =      3
Average RVI      =    0.0662
Largest FMI      =    0.2886
DF:      min     =    57.31
    avg      = 425,526.11
    max      = 5053963.88
Model F test:      Equal FMI      F( 27,19441.9) =    6.73
    Prob > F      =    0.0000

```

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0232114	.0465835	-0.50	0.618	-.1145203	.0680974
w1Agecent48	.0157036	.0071384	2.20	0.028	.0017125	.0296947
c.timew1w3w4#c.w1Agecent48	-.0015665	.0011017	-1.42	0.155	-.0037258	.0005928
timew1w3w4	0	(omitted)				
Sex						
Men	.3564565	.1337711	2.66	0.008	.0942675	.6186456
Sex#c.timew1w3w4						
Men	.0018314	.0203055	0.09	0.928	-.0379668	.0416295
timew1w3w4	0	(omitted)				
Race						
AfrAm	.7703074	.1319122	5.84	0.000	.5117577	1.028857
Race#c.timew1w3w4						
AfrAm	-.0738423	.0203378	-3.63	0.000	-.1137038	-.0339808
timew1w3w4	0	(omitted)				
PovStat						
Below	-.335438	.140656	-2.38	0.017	-.6111292	-.0597468
PovStat#c.timew1w3w4						
Below	-.0324474	.0212418	-1.53	0.127	-.0740813	.0091865
timew1w3w4	0	(omitted)				
w1edubr						
2	.2974674	.2754774	1.08	0.280	-.2424913	.8374261
3	.5530806	.2887395	1.92	0.055	-.0128675	1.119029

wledubr#c.timew1w3w4							
2	-.0116764	.0438448	-0.27	0.790	-.097615	.0742622	
3	.0462047	.0457413	1.01	0.312	-.043448	.1358575	
timew1w3w4	0	(omitted)					
inv millsCES	-.0062146	.0058374	-1.06	0.287	-.0176556	.0052264	
c.timew1w3w4#c.inv millsCES	.0013608	.0008272	1.65	0.100	-.0002604	.0029821	
timew1w3w4	0	(omitted)					
1.w1smoke	-.2871513	.1522517	-1.89	0.060	-.5866781	.0123756	
w1smoke#c.timew1w3w4							
1	-.0014517	.0248023	-0.06	0.953	-.0504152	.0475118	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	-.5111381	.2003742	-2.55	0.013	-.912333	-.1099432	
w1currrdrugs#c.timew1w3w4							
1	.0582135	.0305388	1.91	0.060	-.002534	.1189609	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	.0150592	.0058377	2.58	0.010	.003591	.0265275	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0007927	.0010131	-0.78	0.436	-.002799	.0012136	
timew1w3w4	0	(omitted)					
w1BM Icent30	-.0101472	.0091208	-1.11	0.266	-.0280249	.0077305	
c.timew1w3w4#c.w1BM Icent30	.0002939	.0013943	0.21	0.833	-.0024389	.0030266	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	-.1155771	.1008967	-1.15	0.252	-.3133312	.082177	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.015392	.0154676	1.00	0.320	-.0149242	.0457082	
Sex#c.zw1w3w4HCysTRAJ							
Men	.0985992	.1331228	0.74	0.459	-.1623172	.3595156	
Sex#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
Men	-.0232528	.0203059	-1.15	0.252	-.0630517	.0165462	
_cons	9.092975	.2893011	31.43	0.000	8.525948	9.660003	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0726964	.0442949	.0220219	.2399772
sd(_cons)	1.485292	.0871573	1.323924	1.666329
corr(timew1w3w4,_cons)	.7580193	.8579197	-.9946567	.9998985
sd(Residual)	2.085003	.0403157	2.007463	2.165538

```

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145 .
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147 . *****BY RACE*****
148 .
149 .
150 .
151 .
152 . *****WHITE*****
153 .
154 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS//
155 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4#c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,729

Group variable: HNDID
                                Number of groups =    627
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =    0.0000
                                Largest FMI       =    0.0000
DF adjustment: Large sample      DF: min       =    2.94e+58
                                    avg          =    5.03e+63
                                    max          =      .
Model F test: Equal FMI          F( 11, 4.9e+64) =    5.89
                                Prob > F        =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2254181	.0807678	-2.79	0.005	-.3837201	-.0671161
w1Agecent48	-.0758418	.04737	-1.60	0.109	-.1686853	.0170016
c.timew1w3w4#c.w1Agecent48	-.0034088	.0058733	-0.58	0.562	-.0149203	.0081027
timew1w3w4	0	(omitted)				
Sex						
Men	-3.087082	.8737699	-3.53	0.000	-4.799639	-1.374524
Sex#c.timew1w3w4						
Men	.2406575	.1095291	2.20	0.028	.0259844	.4553307
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	4.823128	.9506064	5.07	0.000	2.959974	6.686283
PovStat#c.timew1w3w4						
Below	-.122716	.1164022	-1.05	0.292	-.3508601	.1054281

	timew1w3w4	0 (omitted)				
	invmillsCES	.0096009	.0286352	0.34	0.737	-.0465231 .0657249
	c.timew1w3w4#c.invmillsCES	-.0045562	.003131	-1.46	0.146	-.0106928 .0015804
	timew1w3w4	0 (omitted)				
	zw1w3w4HCysTRAJ	.7358574	.4933111	1.49	0.136	-.2310146 1.702729
	c.timew1w3w4#c.zw1w3w4HCysTRAJ	.051409	.0613697	0.84	0.402	-.0688734 .1716914
	_cons	14.91323	.637205	23.40	0.000	13.66433 16.16213

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0102477	.0607966	9.14e-08	1149.577
sd(_cons)	8.275075	.3899221	7.545069	9.07571
corr(timew1w3w4,_cons)	.9988982	.1745671	-1	1
sd(Residual)	7.429671	.1584824	7.125455	7.746875

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158 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==1 || HNDID: timew1w3w4

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,740

Group variable: HNDID

Number of groups = 627

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = 0.0000

Largest FMI = 0.0000

DF adjustment: Large sample

DF: min = .

avg = .

max = .

Model F test: Equal FMI

F(11, .) = 4.99

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1018602	.0352688	-2.89	0.004	-.1709858	-.0327347
w1Agecent48	-.0258652	.019812	-1.31	0.192	-.0646961	.0129656
c.timew1w3w4#c.w1Agecent48	-.002367	.0025566	-0.93	0.355	-.0073778	.0026438
timew1w3w4	0 (omitted)					
Sex						
Men	-1.487203	.3652533	-4.07	0.000	-2.203087	-.7713201
Sex#c.timew1w3w4						
Men	.0956908	.0477416	2.00	0.045	.002119	.1892626
timew1w3w4	0 (omitted)					

Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.59857	.3978209	4.02	0.000	.8188557	2.378285
PovStat#c.timew1w3w4						
Below	-.0466486	.0508573	-0.92	0.359	-.1463271	.0530298
timew1w3w4	0	(omitted)				
invmillscES	-.0023868	.0120104	-0.20	0.842	-.0259268	.0211532
c.timew1w3w4#c.invmillscES	-.0003636	.0013729	-0.26	0.791	-.0030545	.0023273
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2606404	.2063592	1.26	0.207	-.1438162	.6650969
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0087417	.0268511	0.33	0.745	-.0438854	.0613689
_cons	4.852217	.266584	18.20	0.000	4.329722	5.374712

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	1.19e-07	.0000415	1.1e-304	1.3e+290
sd(_cons)	3.352371	.1302303	3.1066	3.617587
sd(Residual)	3.260801	.0691698	3.12801	3.399229

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162 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,740
Group variable: HNDID	Number of groups	=	627
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 2.2e+66)	=	3.30
	Prob > F	=	0.0001

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0042635	.0104896	-0.41	0.684	-.0248228	.0162958
w1Agecent48	-.0089308	.0053237	-1.68	0.093	-.0193651	.0015036
c.timew1w3w4#c.w1Agecent48	-.0007329	.00076	-0.96	0.335	-.0022225	.0007567
timew1w3w4	0	(omitted)				
Sex						
Men	.198959	.098179	2.03	0.043	.0065317	.3913864
Sex#c.timew1w3w4						
Men	-.0219868	.0142174	-1.55	0.122	-.0498524	.0058787
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	.2360661	.1070935	2.20	0.028	.0261668	.4459654
PovStat#c.timew1w3w4						
Below	.0015696	.0151821	0.10	0.918	-.0281867	.0313259
timew1w3w4	0	(omitted)				
invmillscES	.0031426	.0032414	0.97	0.332	-.0032104	.0094956
c.timew1w3w4#c.invmillscES	-.0004939	.0004123	-1.20	0.231	-.0013021	.0003143
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0909052	.0554741	1.64	0.101	-.0178219	.1996324
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0063118	.0080006	0.79	0.430	-.009369	.0219927
_cons	.7657631	.071601	10.69	0.000	.6254276	.9060985

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0120949	.	.	.
sd(_cons)	.8104615	.	.	.
corr(timew1w3w4,_cons)	-.9999998	.	.	.
sd(Residual)	.9801246	.	.	.

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166 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,740
Group variable: HNDID	Number of groups	=	627
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 1.1e+66)	=	7.85
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.126851	.0332455	-3.82	0.000	-.192011	-.061691
w1Agecent48	-.0244722	.0182504	-1.34	0.180	-.0602423	.011298
c.timew1w3w4#c.w1Agecent48	-.0013992	.0024097	-0.58	0.561	-.006122	.0033236
timew1w3w4	0	(omitted)				
Sex						
Men	-1.438457	.3364834	-4.27	0.000	-2.097952	-.7789617
Sex#c.timew1w3w4						
Men	.1096854	.045012	2.44	0.015	.0214635	.1979073
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.96338	.3665939	5.36	0.000	1.244869	2.681891
PovStat#c.timew1w3w4						
Below	-.0243135	.047969	-0.51	0.612	-.118331	.069704
timew1w3w4	0	(omitted)				
invmillsCES	.0004743	.0110731	0.04	0.966	-.0212285	.0221771
c.timew1w3w4#c.invmillsCES	-.0019136	.0012962	-1.48	0.140	-.0044541	.0006269
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2960414	.1901098	1.56	0.119	-.0765669	.6686498

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.3607274	.2318766	-1.56	0.120	-.8152061	.0937513
w1Agecent48	-.0651481	.0477646	-1.36	0.173	-.1587708	.0284746
c.timew1w3w4#c.w1Agecent48	-.005047	.0060676	-0.83	0.406	-.0169395	.0068456
timew1w3w4	0	(omitted)				
Sex						
Men	-3.366349	.8719323	-3.86	0.000	-5.075369	-1.65733
Sex#c.timew1w3w4						
Men	.2539511	.1108246	2.29	0.022	.0367364	.4711657
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	3.643958	.9850768	3.70	0.000	1.713218	5.574697
PovStat#c.timew1w3w4						
Below	-.1679042	.1255541	-1.34	0.181	-.4139884	.07818
timew1w3w4	0	(omitted)				
w1edubr						
2	-.652926	1.615449	-0.40	0.686	-3.822349	2.516497
3	-2.914352	1.741017	-1.67	0.094	-6.330996	.5022926
w1edubr#c.timew1w3w4						
2	.1965217	.2154149	0.91	0.362	-.2256918	.6187351
3	.0702581	.2309277	0.30	0.761	-.3823564	.5228726
timew1w3w4	0	(omitted)				
invmlsCES	.0118355	.0282281	0.42	0.675	-.0434907	.0671616
c.timew1w3w4#c.invmlsCES	-.0041285	.0031504	-1.31	0.190	-.0103032	.0020461
timew1w3w4	0	(omitted)				
1.w1smoke	.5669685	.9908395	0.57	0.567	-1.378289	2.512226
w1smoke#c.timew1w3w4						
1	.1124292	.1379195	0.82	0.415	-.1580934	.3829518
timew1w3w4	0	(omitted)				
1.w1currdrugs	1.743903	1.489779	1.17	0.249	-1.277052	4.764859
w1currdrugs#c.timew1w3w4						
1	-.0972599	.1836517	-0.53	0.597	-.4593613	.2648414
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0729434	.0361265	-2.02	0.045	-.1441716	-.0017151

c.timew1w3w4#c.w1hei2010_total_scorecent43	.0042303	.0050314	0.84	0.401	-.0056368	.0140974
timew1w3w4	0 (omitted)					
w1BMIcent30	.0348677	.06118	0.57	0.569	-.0850454	.1547808
c.timew1w3w4#c.w1BMIcent30	.0076474	.0080016	0.96	0.339	-.0080356	.0233304
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.6603617	.4888081	1.35	0.177	-.2977006	1.618424
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.04226	.0619583	0.68	0.495	-.0791805	.1637004
_cons	16.36724	1.734375	9.44	0.000	12.96419	19.7703

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0023385	.	.
sd(_cons)	8.01414	.	.
corr(timew1w3w4,_cons)	-.9413038	.	.
sd(Residual)	7.43022	.	.

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182 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMIcent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,740

Group variable: HNDID

Number of groups = 627

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(23,19907.2) = 3.12

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]
timew1w3w4	-.1977513	.10107	-1.96	0.050	-.3958558 .0003532
w1Agecent48	-.0210286	.0207734	-1.01	0.311	-.0617448 .0196877
c.timew1w3w4#c.w1Agecent48	-.0031595	.0026189	-1.21	0.228	-.0082924 .0019734
timew1w3w4	0 (omitted)				
Sex					
Men	-1.585073	.3806277	-4.16	0.000	-2.331126 -.8390193

Sex#c.timew1w3w4						
Men	.1039764	.0481622	2.16	0.031	.0095792	.1983736
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.200914	.4294688	2.80	0.005	.3591665	2.042662
PovStat#c.timew1w3w4						
Below	-.037001	.0547202	-0.68	0.499	-.1442517	.0702496
timew1w3w4	0	(omitted)				
wledubr						
2	.0000205	.7163687	0.00	1.000	-1.407429	1.40747
3	-.8766373	.7589722	-1.16	0.248	-2.365955	.6126805
wledubr#c.timew1w3w4						
2	.0900424	.0934525	0.96	0.335	-.0931249	.2732097
3	.0964515	.1005525	0.96	0.337	-.1006357	.2935387
timew1w3w4	0	(omitted)				
inv millsCES	-.0018679	.012333	-0.15	0.880	-.0260401	.0223043
c.timew1w3w4#c.inv millsCES	-.0002207	.0013819	-0.16	0.873	-.0029291	.0024878
timew1w3w4	0	(omitted)				
1.w1smoke	.180358	.434023	0.42	0.678	-.6715585	1.032274
w1smoke#c.timew1w3w4						
1	.0202006	.0604003	0.33	0.738	-.0983326	.1387339
timew1w3w4	0	(omitted)				
1.w1curdrugs	.6403165	.6317398	1.01	0.316	-.6292693	1.909902
w1curdrugs#c.timew1w3w4						
1	-.0187183	.0786281	-0.24	0.812	-.1734789	.1360422
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0203979	.0174586	-1.17	0.248	-.0554862	.0146904
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0015523	.0022257	0.70	0.486	-.0028204	.0059251
timew1w3w4	0	(omitted)				
w1BM Icent30	.0008945	.0266161	0.03	0.973	-.0512722	.0530613
c.timew1w3w4#c.w1BM Icent30	.0051049	.0034861	1.46	0.143	-.0017279	.0119378
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2309979	.2128607	1.09	0.278	-.1862039	.6481998
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0077069	.0269232	0.29	0.775	-.0450621	.060476
_cons	5.194532	.7583262	6.85	0.000	3.706491	6.682573

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0561381	.	.	.
sd(_cons)	3.50133	.	.	.
corr(timew1w3w4,_cons)	-1	.	.	.
sd(Residual)	3.250025	.	.	.

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186 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,740

Group variable: HNDID

Number of groups = 627

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(23,48601.6) = 2.05

Prob > F = 0.0021

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0026743	.0302766	0.09	0.930	-.0566706	.0620192
w1Agecent48	-.0083916	.0054012	-1.55	0.120	-.0189777	.0021945
c.timew1w3w4#c.w1Agecent48	-.0008256	.0007831	-1.05	0.292	-.0023605	.0007094
timew1w3w4	0 (omitted)					
Sex						
Men	.1804568	.0988124	1.83	0.068	-.0132123	.374126
Sex#c.timew1w3w4						
Men	-.02097	.0143987	-1.46	0.145	-.049191	.0072511
timew1w3w4	0 (omitted)					
Race						
White	0 (omitted)					
Race#c.timew1w3w4						
White	0 (omitted)					
timew1w3w4	0 (omitted)					

PovStat							
Below	.1548768	.112473	1.38	0.169	-.0655696	.3753231	
PovStat#c.timew1w3w4							
Below	.0027409	.0163677	0.17	0.867	-.0293393	.034821	
timew1w3w4	0	(omitted)					
w1edubr							
2	.0968275	.1822323	0.53	0.595	-.2603898	.4540447	
3	-.1509993	.1955003	-0.77	0.440	-.5342008	.2322022	
w1edubr#c.timew1w3w4							
2	-.0135564	.027989	-0.48	0.628	-.068415	.0413022	
3	-.0038201	.0303735	-0.13	0.900	-.0633663	.055726	
timew1w3w4	0	(omitted)					
inv mills CES	.0034515	.0032321	1.07	0.286	-.0028833	.0097863	
c.timew1w3w4#c.inv mills CES	-.0005044	.0004146	-1.22	0.224	-.0013171	.0003082	
timew1w3w4	0	(omitted)					
1.w1smoke	-.0182169	.1210089	-0.15	0.880	-.2566762	.2202424	
w1smoke#c.timew1w3w4							
1	.0089598	.0183489	0.49	0.626	-.027105	.0450247	
timew1w3w4	0	(omitted)					
1.w1curdrugs	.1504601	.1588781	0.95	0.346	-.16414	.4650601	
w1curdrugs#c.timew1w3w4							
1	-.0178443	.0244267	-0.73	0.467	-.0662145	.0305258	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0042809	.0042897	-1.00	0.319	-.0127173	.0041556	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0003287	.0006921	0.47	0.636	-.0010385	.0016958	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0024267	.0070236	0.35	0.730	-.0113408	.0161943	
c.timew1w3w4#c.w1BM Icent30	-.0000846	.0010468	-0.08	0.936	-.0021365	.0019672	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.0850187	.0554457	1.53	0.125	-.0236529	.1936903	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0064701	.0080347	0.81	0.421	-.0092775	.0222178	
_cons	.7923618	.196587	4.03	0.000	.4069661	1.177757	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0115121	.	.
sd(_cons)	.7980464	.	.
corr(timew1w3w4,_cons)	-.9999999	.	.
sd(Residual)	.9792907	.	.

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190 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMIcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==1 || HNDID: timew1w3w4

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,740
Group variable: HNDID	Number of groups	=	627
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0592
	Largest FMI	=	0.2635
DF adjustment: Large sample	DF: min	=	68.18
	avg	=	2.22e+11
	max	=	5.98e+12
Model F test: Equal FMI	F(23,20415.0)	=	6.19
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2198113	.0956161	-2.30	0.022	-.4072277	-.032395
w1Agecent48	-.0219725	.0181331	-1.21	0.226	-.0575167	.0135718
c.timew1w3w4#c.w1Agecent48	-.0017724	.0024866	-0.71	0.476	-.0066462	.0031013
timew1w3w4	0	(omitted)				
Sex						
Men	-1.542994	.3297175	-4.68	0.000	-2.189241	-.8967471
Sex#c.timew1w3w4						
Men	.1142163	.0456006	2.50	0.012	.0248393	.2035933
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.414679	.3748485	3.77	0.000	.6799571	2.149401
PovStat#c.timew1w3w4						
Below	-.0557533	.0516744	-1.08	0.281	-.1570337	.0455272
timew1w3w4	0	(omitted)				
w1edubr						
2	-.5833819	.6012375	-0.97	0.332	-1.761864	.5951003
3	-1.480732	.6564601	-2.26	0.024	-2.76813	-.1933332

wledubr#c.timew1w3w4							
2	.1182119	.0888871	1.33	0.184	-.0560256	.2924494	
3	.0450427	.0947156	0.48	0.634	-.1405973	.2306826	
timew1w3w4	0	(omitted)					
inv millsCES	.0014984	.0107343	0.14	0.889	-.0195404	.0225371	
c.timew1w3w4#c.inv millsCES	-.0017255	.0013025	-1.32	0.185	-.0042783	.0008274	
timew1w3w4	0	(omitted)					
1.w1smoke	.388167	.3811332	1.02	0.309	-.3597383	1.136072	
w1smoke#c.timew1w3w4							
1	.0786451	.0555514	1.42	0.157	-.0302397	.1875299	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	.4231828	.5401567	0.78	0.436	-.6546307	1.500996	
w1currrdrugs#c.timew1w3w4							
1	.0166163	.0744684	0.22	0.824	-.129988	.1632205	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.032566	.014908	-2.18	0.032	-.0622367	-.0028953	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0021741	.0021079	1.03	0.303	-.0019676	.0063157	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0233167	.0232629	1.00	0.316	-.0222801	.0689134	
c.timew1w3w4#c.w1BM Icent30	.0037572	.0032857	1.14	0.253	-.0026827	.0101971	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.2629844	.1851425	1.42	0.155	-.0998951	.6258638	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0156956	.0255341	0.61	0.539	-.034352	.0657433	
_cons	7.633649	.6513731	11.72	0.000	6.356611	8.910686	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	.0000136	.0026907	2.2e-174	8.2e+163
sd(_cons)	2.826516	.1177611	2.60488	3.067009
sd(Residual)	3.074917	.0654874	2.949203	3.205989

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194 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==1 || HNDID: timew1w3w4, cov(un)

```

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,740
Group variable: HNDID	Number of groups	=	627
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(23,11533.5)	=	2.60
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0723461	.0660789	-1.09	0.274	-.2018952	.0572029
w1Agecent48	.0146185	.0114815	1.27	0.203	-.0078849	.0371218
c.timew1w3w4#c.w1Agecent48	-.0008521	.001716	-0.50	0.619	-.0042156	.0025113
timew1w3w4	0	(omitted)				
Sex						
Men	.4174912	.2106859	1.98	0.048	.0045415	.8304408
Sex#c.timew1w3w4						
Men	-.0492747	.0313379	-1.57	0.116	-.1106968	.0121474
timew1w3w4	0	(omitted)				
Race						
White	0	(omitted)				
Race#c.timew1w3w4						
White	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	-.7951126	.2385633	-3.33	0.001	-1.262691	-.3275342
PovStat#c.timew1w3w4						
Below	.0663832	.0356216	1.86	0.062	-.0034373	.1362037
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0489329	.3905181	-0.13	0.900	-.8147533	.7168875
3	.2503356	.4210751	0.59	0.552	-.5755091	1.07618
w1edubr#c.timew1w3w4						
2	.0243426	.0612552	0.40	0.691	-.0957508	.1444361

3	.0948476	.0653294	1.45	0.147	-.0332055	.2229006
timew1w3w4	0 (omitted)					
inv millsCES	-.0092565	.0068638	-1.35	0.177	-.0227093	.0041964
c.timew1w3w4#c.inv millsCES	.0016813	.0008928	1.88	0.060	-.0000687	.0034312
timew1w3w4	0 (omitted)					
1.w1smoke	-.0626716	.2704015	-0.23	0.817	-.6011874	.4758442
w1smoke#c.timew1w3w4						
1	-.0081705	.0402376	-0.20	0.839	-.0873674	.0710264
timew1w3w4	0 (omitted)					
1.w1curdrugs	-.5427923	.331933	-1.64	0.104	-1.199069	.1134841
w1curdrugs#c.timew1w3w4						
1	.0626149	.052478	1.19	0.235	-.0411228	.1663525
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	.0184744	.0092013	2.01	0.046	.0003214	.0366274
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0004728	.0015042	-0.31	0.754	-.0034439	.0024984
timew1w3w4	0 (omitted)					
w1BM Icent30	-.010438	.0149805	-0.70	0.486	-.0398066	.0189305
c.timew1w3w4#c.w1BM Icent30	.0011107	.0022641	0.49	0.624	-.0033271	.0055484
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	-.0061433	.1181272	-0.05	0.959	-.2376717	.2253852
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0192757	.0175377	-1.10	0.272	-.05365	.0150986
_cons	9.426265	.4269692	22.08	0.000	8.587999	10.26453

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0398858	.	.
sd(_cons)	1.682363	.	.
corr(timew1w3w4,_cons)	1	.	.
sd(Residual)	2.086022	.	.

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197 . *****AFRICAN-AMERICAN*****

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200 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
201 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    2,280

Group variable: HNDID
Number of groups =      830
Obs per group:
    min =      1
    avg =      2.7
    max =      3
Average RVI      =    0.0000
Largest FMI      =    0.0000
DF: min          =    3.42e+56
    avg          =    1.57e+61
    max          =      .
Model F test:      Equal FMI      F( 11, .)      =    7.30
                                Prob > F      =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0962291	.068829	-1.40	0.162	-.2311315	.0386733
w1Agecent48	-.1136385	.0398899	-2.85	0.004	-.1918213	-.0354557
c.timew1w3w4#c.w1Agecent48	.0036926	.0047029	0.79	0.432	-.0055249	.01291
timew1w3w4	0 (omitted)					
Sex						
Men	-2.047901	.7534049	-2.72	0.007	-3.524548	-.5712549
Sex#c.timew1w3w4						
Men	-.0331242	.0866428	-0.38	0.702	-.2029409	.1366925
timew1w3w4	0 (omitted)					
Race						
AfrAm	0 (omitted)					
Race#c.timew1w3w4						
AfrAm	0 (omitted)					
timew1w3w4	0 (omitted)					
PovStat						
Below	3.768548	.7459529	5.05	0.000	2.306508	5.230589
PovStat#c.timew1w3w4						
Below	.0707676	.0857221	0.83	0.409	-.0972445	.2387798
timew1w3w4	0 (omitted)					
invmillsCES	-.0674368	.0573086	-1.18	0.239	-.1797596	.044886
c.timew1w3w4#c.invmillsCES	.0055727	.0072003	0.77	0.439	-.0085397	.019685
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.6763588	.3515229	1.92	0.054	-.0126135	1.365331

PovStat							
Below	1.715041	.3271871	5.24	0.000	1.073766	2.356316	
PovStat#c.timew1w3w4							
Below	-.0023792	.0365998	-0.07	0.948	-.0741135	.0693551	
timew1w3w4	0	(omitted)					
inv mills CES	-.0417593	.0251971	-1.66	0.097	-.0911448	.0076262	
c.timew1w3w4#c.inv mills CES	.0048535	.003155	1.54	0.124	-.0013303	.0110372	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.2406062	.1542781	1.56	0.119	-.0617732	.5429856	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0153517	.0175482	-0.87	0.382	-.0497456	.0190422	
_cons	4.165815	.2587413	16.10	0.000	3.658691	4.672939	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0603993	.	.	.
sd(_cons)	3.61766	.	.	.
corr(timew1w3w4,_cons)	-.9999996	.	.	.
sd(Residual)	3.084769	.	.	.

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208 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,286
Group variable: HNDID	Number of groups	=	830
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, 9.4e+64)	=	4.26
	Prob > F	=	0.0000

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0079294	.0096847	-0.82	0.413	-.0269111	.0110522
w1Agecent48	-.0117767	.0047906	-2.46	0.014	-.0211661	-.0023873
c.timew1w3w4#c.w1Agecent48	.0002699	.0006597	0.41	0.682	-.0010231	.0015628
timew1w3w4	0	(omitted)				
Sex						
Men	-.0060966	.0904325	-0.07	0.946	-.1833411	.1711479
Sex#c.timew1w3w4						
Men	-.0029041	.0121092	-0.24	0.810	-.0266375	.0208294
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	.3745313	.0896115	4.18	0.000	.1988959	.5501667
PovStat#c.timew1w3w4						
Below	-.0033226	.0119748	-0.28	0.781	-.0267928	.0201476
timew1w3w4	0	(omitted)				
invmillscES	-.0048704	.0069463	-0.70	0.483	-.0184848	.008744
c.timew1w3w4#c.invmillscES	-.0001063	.0010348	-0.10	0.918	-.0021344	.0019218
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0691955	.0422986	1.64	0.102	-.0137083	.1520992
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0125199	.005742	-2.18	0.029	-.023774	-.0012659
_cons	.8134854	.0708479	11.48	0.000	.6746261	.9523447

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.005431	.	.	.
sd(_cons)	.842606	.	.	.
corr(timew1w3w4,_cons)	-.9999626	.	.	.
sd(Residual)	1.017076	.	.	.

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212 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,286
Group variable: HNDID	Number of groups	=	830
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	DF: min	=	.
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, .)	=	7.41
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0684091	.030755	-2.22	0.026	-.1286878	-.0081304
w1Agecent48	-.0480646	.0158535	-3.03	0.002	-.0791369	-.0169923
c.timew1w3w4#c.w1Agecent48	.0023857	.0020975	1.14	0.255	-.0017253	.0064967
timew1w3w4	0	(omitted)				
Sex						
Men	-.5394516	.2993488	-1.80	0.072	-1.126164	.0472612
Sex#c.timew1w3w4						
Men	-.0158397	.0386148	-0.41	0.682	-.0915233	.0598439
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.442373	.2965412	4.86	0.000	.8611625	2.023583
PovStat#c.timew1w3w4						
Below	-.0172688	.0382035	-0.45	0.651	-.0921464	.0576087
timew1w3w4	0	(omitted)				
invmillsCES	-.0187671	.0228837	-0.82	0.412	-.0636182	.0260841
c.timew1w3w4#c.invmillsCES	.0019698	.0032369	0.61	0.543	-.0043745	.0083141
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.277287	.139878	1.98	0.047	.0031311	.5514429

c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0047295	.0182691	-0.26	0.796	-.0405363	.0310774
_cons	6.287164	.2344631	26.82	0.000	5.827625	6.746703

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1746121	.0490312	.1007062	.3027555
sd(_cons)	3.089438	.1516215	2.806111	3.401373
corr(timew1w3w4,_cons)	-.4381613	.10375	-.6179084	-.2148889
sd(Residual)	3.03296	.0763461	2.886956	3.186348

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216 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4#c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,286
Group variable: HNDID	Number of groups	=	830
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	DF: min	=	.
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(11, .)	=	8.69
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0735468	.0207819	-3.54	0.000	-.1142786	-.0328149
w1Agecent48	.0233302	.0089937	2.59	0.009	.0057029	.0409576
c.timew1w3w4#c.w1Agecent48	-.0023218	.0014208	-1.63	0.102	-.0051065	.0004628
timew1w3w4	0 (omitted)					
Sex						
Men	.227249	.1697369	1.34	0.181	-.1054292	.5599272
Sex#c.timew1w3w4						
Men	.041123	.0261305	1.57	0.116	-.0100919	.0923379
timew1w3w4	0 (omitted)					
Race						
AfrAm	0 (omitted)					
Race#c.timew1w3w4						
AfrAm	0 (omitted)					

timew1w3w4	0 (omitted)					
PovStat						
Below	-.271931	.1682396	-1.62	0.106	-.6016746	.0578125
PovStat#c.timew1w3w4						
Below	-.0832265	.0258589	-3.22	0.001	-.133909	-.032544
timew1w3w4	0 (omitted)					
invmillsCES	.0014485	.0130772	0.11	0.912	-.0241823	.0270792
c.timew1w3w4#c.invmillsCES	.0013997	.0021838	0.64	0.522	-.0028805	.0056799
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	-.094797	.079452	-1.19	0.233	-.2505201	.0609261
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0073319	.0123653	0.59	0.553	-.0169037	.0315675
_cons	10.03968	.1329756	75.50	0.000	9.779049	10.3003

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1071372	.0383152	.0531529	.21595
sd(_cons)	1.409078	.1185183	1.194923	1.661613
corr(timew1w3w4,_cons)	.4912892	.4604476	-.5728984	.9387412
sd(Residual)	2.05705	.0532572	1.955272	2.164126

```

217 .
218 .
219 . save, replace
    file finaldata_imputed_FINAL.dta saved

220 .
221 .
222 .
223 .
224 . //MODEL 2: FULL MODEL///
225 .
226 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
    > c.timew1w3w4##c.w1BMIcent30 ///
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
    > if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    2,280

```

Group variable: **HNDID**Number of groups = **830**

Obs per group:

min = **1**avg = **2.7**max = **3**Average RVI = **0.0656**Largest FMI = **0.2990**DF adjustment: **Large sample**DF: min = **53.56**avg = **246,063.13**max = **2614060.98**Model F test: **Equal FMI**F(23,16414.5) = **6.76**Prob > F = **0.0000**

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1456694	.220453	-0.66	0.509	-.5777513	.2864125
w1Agecent48	-.0773142	.0397036	-1.95	0.052	-.1551396	.0005113
c.timew1w3w4#c.w1Agecent48	.0035962	.0048916	0.74	0.462	-.0059928	.0131852
timew1w3w4	0 (omitted)					
Sex						
Men	-2.699391	.7539369	-3.58	0.000	-4.177081	-1.221701
Sex#c.timew1w3w4						
Men	-.0070516	.0901528	-0.08	0.938	-.1837481	.1696448
timew1w3w4	0 (omitted)					
Race						
AfrAm	0 (omitted)					
Race#c.timew1w3w4						
AfrAm	0 (omitted)					
timew1w3w4	0 (omitted)					
PovStat						
Below	2.432726	.7492987	3.25	0.001	.9640388	3.901413
PovStat#c.timew1w3w4						
Below	.106117	.0899374	1.18	0.238	-.0701652	.2823992
timew1w3w4	0 (omitted)					
w1edubr						
2	-2.95787	1.78512	-1.66	0.098	-6.45792	.5421806
3	-4.900017	1.83972	-2.66	0.008	-8.507239	-1.292794
w1edubr#c.timew1w3w4						
2	.1463459	.2134709	0.69	0.493	-.2720993	.5647911
3	.0901616	.2192223	0.41	0.681	-.3395134	.5198366
timew1w3w4	0 (omitted)					
inv millsCES	-.0727975	.0554498	-1.31	0.189	-.181478	.035883
c.timew1w3w4#c.inv millsCES	.0060064	.0072575	0.83	0.408	-.0082188	.0202315
timew1w3w4	0 (omitted)					
1.w1smoke	2.781345	.7952167	3.50	0.001	1.217089	4.3456

w1smoke#c.timew1w3w4 1	- .1159892	.0996903	-1.16	0.245	- .3116483	.0796698
timew1w3w4 1.w1currdrugs	0 (omitted)					
	3.430823	.9918573	3.46	0.001	1.451986	5.409661
w1currdrugs#c.timew1w3w4 1	- .1968418	.1297065	-1.52	0.135	- .4569362	.0632525
timew1w3w4 w1hei2010_total_scorecent43	0 (omitted)					
	- .0566028	.0349526	-1.62	0.111	- .1265161	.0133106
c.timew1w3w4#c.w1hei2010_total_scorecent43	- .0027283	.0045915	-0.59	0.553	- .0117859	.0063293
timew1w3w4 w1BMICent30	0 (omitted)					
	.0859411	.050652	1.70	0.090	- .0133718	.185254
c.timew1w3w4#c.w1BMICent30	- .0021475	.0060599	-0.35	0.723	- .0140253	.0097302
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)					
	.5571313	.3406892	1.64	0.102	- .1106155	1.224878
c.timew1w3w4#c.zw1w3w4HCysTRAJ	- .0362102	.0410807	-0.88	0.378	- .1167269	.0443064
_cons	15.59755	1.849436	8.43	0.000	11.97045	19.22465

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.439539	.1023632	.278458	.6938013
sd(_cons)	7.996567	.3382254	7.360375	8.687748
corr(timew1w3w4,_cons)	- .3814412	.0957508	- .5520855	- .1801271
sd(Residual)	6.635466	.1761264	6.299009	6.989895

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229 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & Race==2 || HNDID: timew1w3w4

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 2,286

Group variable: HNDID

Number of groups = 830

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = 0.0490

Largest FMI = 0.2678

DF adjustment: Large sample

DF: min = 66.13

avg = 4.98e+11

max = 1.34e+13

Model F test: Equal FMI

F(23,29397.8) = 6.96

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0721572	.0942053	-0.77	0.444	-.2567973	.1124829
w1Agecent48	-.0134771	.01682	-0.80	0.423	-.0464452	.0194911
c.timew1w3w4#c.w1Agecent48	-.0019179	.0021013	-0.91	0.361	-.0060368	.0022011
timew1w3w4	0	(omitted)				
Sex						
Men	-1.531973	.3200956	-4.79	0.000	-2.159349	-.9045975
Sex#c.timew1w3w4						
Men	.0404887	.0385991	1.05	0.294	-.0351641	.1161415
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	1.208874	.3182796	3.80	0.000	.5850193	1.832729
PovStat#c.timew1w3w4						
Below	.0128099	.0384388	0.33	0.739	-.0625303	.0881502
timew1w3w4	0	(omitted)				
w1edubr						
2	-1.140912	.7528393	-1.52	0.130	-2.616609	.3347843
3	-1.876066	.7758282	-2.42	0.016	-3.396851	-.3552807
w1edubr#c.timew1w3w4						
2	.0165942	.0907582	0.18	0.855	-.1612992	.1944876
3	.0089985	.0934828	0.10	0.923	-.1742266	.1922237
timew1w3w4	0	(omitted)				
inv millsCES	-.0446549	.023608	-1.89	0.059	-.0909259	.0016161
c.timew1w3w4#c.inv millsCES	.0051374	.003175	1.62	0.106	-.0010856	.0113604
timew1w3w4	0	(omitted)				
1.w1smoke	1.071675	.342022	3.13	0.002	.3982706	1.74508
w1smoke#c.timew1w3w4						
1	-.056886	.0420156	-1.35	0.176	-.1392581	.0254862
timew1w3w4	0	(omitted)				
1.w1curdrugs	1.544275	.4036402	3.83	0.000	.7465568	2.341994
w1curdrugs#c.timew1w3w4						
1	-.0700448	.0516182	-1.36	0.177	-.1719707	.031881
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0206167	.0149129	-1.38	0.171	-.05039	.0091567
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0009569	.0019833	-0.48	0.630	-.0048721	.0029583

	timew1w3w4 w1BMICent30	0 (omitted)				
		.0466869	.0213734	2.18	0.029	.00479 .0885839
	c.timew1w3w4#c.w1BMICent30	-.0011106	.0025962	-0.43	0.669	-.0061992 .003978
	timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)				
		.195707	.1447867	1.35	0.176	-.0880724 .4794865
	c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0139082	.0176507	-0.79	0.431	-.048503 .0206865
	_cons	5.010459	.7776278	6.44	0.000	3.486077 6.53484

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	.0000101	.0017426	1.8e-152	5.8e+141
sd(_cons)	3.193022	.1092095	2.985991	3.414408
sd(Residual)	3.095603	.0580939	2.983802	3.211594

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231 .
232 .
233 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs      =    2,286

Group variable: HNDID
Number of groups      =    830
Obs per group:
    min      =      1
    avg      =    2.8
    max      =      3
Average RVI      =      .
Largest FMI      =      .
DF adjustment: Large sample      DF: min      =    0.00
    avg      =      .
    max      =      .
Model F test: Equal FMI      F( 23,22063.1) =    2.97
    Prob > F      =    0.0000

```

	CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
	timew1w3w4 w1Agecent48	-.0278313	.0306654	-0.91	0.364	-.0879348	.0322722
		-.0094236	.0048967	-1.92	0.054	-.0190214	.0001742
	c.timew1w3w4#c.w1Agecent48	.0003031	.000681	0.45	0.656	-.0010317	.001638
	timew1w3w4	0 (omitted)					
	Sex						
	Men	-.0476802	.0933533	-0.51	0.610	-.2306508	.1352904
	Sex#c.timew1w3w4						

Men	.0004856	.0126033	0.04	0.969	-.0242164	.0251876
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	.2887355	.0921646	3.13	0.002	.1080954	.4693756
PovStat#c.timew1w3w4						
Below	.0003437	.0125341	0.03	0.978	-.0242231	.0249106
timew1w3w4	0	(omitted)				
wledubr						
2	-.3018638	.2213198	-1.36	0.173	-.735809	.1320814
3	-.4362215	.2268662	-1.92	0.055	-.8809637	.0085207
wledubr#c.timew1w3w4						
2	.0277506	.0295403	0.94	0.348	-.0301508	.085652
3	.0196411	.0303727	0.65	0.518	-.0398884	.0791707
timew1w3w4	0	(omitted)				
invmlsCES	-.005107	.0068993	-0.74	0.459	-.0186294	.0084153
c.timew1w3w4#c.invmlsCES	-.0000531	.0010378	-0.05	0.959	-.0020871	.001981
timew1w3w4	0	(omitted)				
1.w1smoke	.0883492	.0959407	0.92	0.357	-.0996995	.2763978
w1smoke#c.timew1w3w4						
1	-.0033078	.0137357	-0.24	0.810	-.0302406	.023625
timew1w3w4	0	(omitted)				
1.w1curdrugs	.2784257	.1289563	2.16	0.035	.0199144	.536937
w1curdrugs#c.timew1w3w4						
1	-.0229051	.0166958	-1.37	0.172	-.0558375	.0100272
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0050109	.0051075	-0.98	0.336	-.0155149	.005493
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0001817	.0006233	-0.29	0.771	-.0014066	.0010433
timew1w3w4	0	(omitted)				
w1BMICent30	.0049572	.0061855	0.80	0.423	-.0071664	.0170808
c.timew1w3w4#c.w1BMICent30	.0001694	.0008461	0.20	0.841	-.001489	.0018277
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0599322	.0421389	1.42	0.155	-.022659	.1425233
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0122717	.0057571	-2.13	0.033	-.0235555	-.000988
_cons	1.104244	.2284874	4.83	0.000	.6562131	1.552275

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0045404	.	.	.
sd(_cons)	.8223569	.	.	.
corr(timew1w3w4,_cons)	-.9999978	.	.	.
sd(Residual)	1.015922	.	.	.

234 .
235 .
236 .

237 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,286
Group variable: HNDID	Number of groups	=	830
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	0.0662
	Largest FMI	=	0.3307
DF adjustment: Large sample	DF: min	=	44.14
	avg	=	976,018.10
	max	=	2.22e+07
Model F test: Equal FMI	F(23,16139.2)	=	7.07
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0856368	.0982259	-0.87	0.383	-.2781579	.1068843
w1Agecent48	-.0328611	.0158361	-2.08	0.038	-.0639023	-.0018199
c.timew1w3w4#c.w1Agecent48	.0026882	.0021807	1.23	0.218	-.0015865	.0069629
timew1w3w4	0	(omitted)				
Sex						
Men	-.8174473	.3004538	-2.72	0.007	-1.406326	-.2285684
Sex#c.timew1w3w4						
Men	-.0141394	.0402606	-0.35	0.725	-.093049	.0647702
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						

Below	.9118849	.2978504	3.06	0.002	.328097	1.495673
PovStat#c.timew1w3w4						
Below	-.0057196	.0400731	-0.14	0.887	-.0842644	.0728252
timew1w3w4	0	(omitted)				
wledubr						
2	-.6889201	.7082128	-0.97	0.331	-2.077178	.6993382
3	-1.569308	.7330011	-2.14	0.032	-3.006369	-.1322469
wledubr#c.timew1w3w4						
2	.038641	.0950083	0.41	0.684	-.1475947	.2248766
3	.0594847	.0976001	0.61	0.542	-.1318119	.2507813
timew1w3w4	0	(omitted)				
invmlsCES	-.0207691	.022197	-0.94	0.349	-.0642748	.0227366
c.timew1w3w4#c.invmlsCES	.0019152	.0032693	0.59	0.558	-.0044929	.0083232
timew1w3w4	0	(omitted)				
1.w1smoke	1.202672	.3207577	3.75	0.000	.5725288	1.832815
w1smoke#c.timew1w3w4						
1	-.0514654	.0454864	-1.13	0.259	-.140942	.0380111
timew1w3w4	0	(omitted)				
1.w1curdrugs	1.13646	.3985199	2.85	0.005	.3444935	1.928426
w1curdrugs#c.timew1w3w4						
1	-.0379579	.0588813	-0.64	0.522	-.1566147	.080699
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0242721	.0142066	-1.71	0.091	-.0524647	.0039205
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0025701	.0020574	-1.25	0.213	-.006633	.0014929
timew1w3w4	0	(omitted)				
w1BMICent30	.0283286	.0200442	1.41	0.158	-.0109612	.0676183
c.timew1w3w4#c.w1BMICent30	-.001591	.0027088	-0.59	0.557	-.0069005	.0037185
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2286353	.135963	1.68	0.093	-.0378511	.4951217
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0043949	.0183344	-0.24	0.811	-.0403296	.0315399
_cons	6.808655	.7357498	9.25	0.000	5.366024	8.251287

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1737649	.0501487	.0986908	.3059479
sd(_cons)	2.877754	.1546557	2.590041	3.197427
corr(timew1w3w4,_cons)	-.4448859	.1079118	-.6303583	-.2113667
sd(Residual)	3.036892	.0776185	2.888472	3.192939

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241 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & Race==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	2,286
Group variable: HNDID	Number of groups	=	830
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0500
	Largest FMI	=	0.2447
DF adjustment: Large sample	DF: min	=	78.53
	avg	=	1.03e+07
	max	=	2.79e+08
Model F test: Equal FMI	F(23,26745.1)	=	5.76
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0461973	.0664803	-0.69	0.487	-.1764981	.0841036
w1Agecent48	.0188219	.0091421	2.06	0.040	.000903	.0367407
c.timew1w3w4#c.w1Agecent48	-.002243	.0014649	-1.53	0.126	-.0051143	.0006283
timew1w3w4	0	(omitted)				
Sex						
Men	.3505069	.1739477	2.02	0.044	.0095755	.6914383
Sex#c.timew1w3w4						
Men	.0324774	.0270574	1.20	0.230	-.0205542	.0855089
timew1w3w4	0	(omitted)				
Race						
AfrAm	0	(omitted)				
Race#c.timew1w3w4						
AfrAm	0	(omitted)				
timew1w3w4	0	(omitted)				
PovStat						
Below	-.0472182	.1725939	-0.27	0.784	-.3855043	.291068
PovStat#c.timew1w3w4						
Below	-.0868482	.026876	-3.23	0.001	-.1395243	-.0341721
timew1w3w4	0	(omitted)				
w1edubr						
2	.8398286	.4088622	2.05	0.040	.0384363	1.641221
3	.9963221	.4192682	2.38	0.017	.1745689	1.818075

wledubr#c.timew1w3w4							
2	-.0599638	.0638151	-0.94	0.347	-.1850407	.065113	
3	.0018194	.0659808	0.03	0.978	-.1275029	.1311417	
timew1w3w4	0	(omitted)					
inv millsCES	.0025889	.0129278	0.20	0.841	-.0227491	.027927	
c.timew1w3w4#c.inv millsCES	.001089	.0021834	0.50	0.618	-.0031904	.0053683	
timew1w3w4	0	(omitted)					
1.w1smoke	-.4567932	.194091	-2.35	0.020	-.8397359	-.0738505	
w1smoke#c.timew1w3w4							
1	.0010485	.0296614	0.04	0.972	-.0571392	.0592363	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	-.5221502	.235242	-2.22	0.029	-.9904314	-.0538689	
w1currrdrugs#c.timew1w3w4							
1	.0604484	.0360533	1.68	0.096	-.0107646	.1316613	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	.0115641	.0079618	1.45	0.147	-.0040888	.0272171	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0010954	.0013667	-0.80	0.424	-.00379	.0015993	
timew1w3w4	0	(omitted)					
w1BM Icent30	-.0075976	.0116413	-0.65	0.514	-.0304174	.0152222	
c.timew1w3w4#c.w1BM Icent30	-.0001527	.0018168	-0.08	0.933	-.0037136	.0034082	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	-.0708099	.0786075	-0.90	0.368	-.2248779	.083258	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0066836	.0123529	0.54	0.588	-.0175276	.0308948	
_cons	9.353315	.4205292	22.24	0.000	8.529078	10.17755	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1021497	.0401707	.0472591	.2207947
sd(_cons)	1.343228	.1219205	1.124314	1.604767
corr(timew1w3w4,_cons)	.5618121	.5518124	-.7374916	.976494
sd(Residual)	2.056134	.0532689	1.954335	2.163236

```

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244 . *****INTERACTION BY RACE*****
245 .
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247 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
248 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4#c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,009

Group variable: HNDID
                                Number of groups   =    1,457
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI        =    0.0000
                                Largest FMI         =    0.0000
DF adjustment: Large sample      DF: min       =      .
                                    avg             =      .
                                    max             =      .
Model F test: Equal FMI          F( 15, .)      =    9.21
                                Prob > F          =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.194876	.0633072	-3.08	0.002	-.3189559	-.0707961
w1Agecent48	-.0963834	.0304254	-3.17	0.002	-.1560161	-.0367507
c.timew1w3w4#c.w1Agecent48	.000538	.0036169	0.15	0.882	-.006551	.007627
timew1w3w4	0 (omitted)					
Sex						
Men	-2.445866	.5685389	-4.30	0.000	-3.560181	-1.33155
Sex#c.timew1w3w4						
Men	.0675493	.0668212	1.01	0.312	-.0634178	.1985165
timew1w3w4	0 (omitted)					
Race						
AfrAm	-1.613461	.5662527	-2.85	0.004	-2.723296	-.5036262
Race#c.timew1w3w4						
AfrAm	.0881172	.0674179	1.31	0.191	-.0440193	.2202538
timew1w3w4	0 (omitted)					
PovStat						
Below	4.208056	.5852801	7.19	0.000	3.060928	5.355184
PovStat#c.timew1w3w4						
Below	-.0092603	.067889	-0.14	0.892	-.1423203	.1237996
timew1w3w4	0 (omitted)					
invmlsCES	-.0068804	.0252379	-0.27	0.785	-.0563459	.0425851
c.timew1w3w4#c.invmlsCES	-.0024216	.0027878	-0.87	0.385	-.0078856	.0030424
timew1w3w4	0 (omitted)					

zw1w3w4HCysTRAJ	.7597495	.4841591	1.57	0.117	-.189185	1.708684
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0469028	.0591604	0.79	0.428	-.0690495	.1628551
Race#c.zw1w3w4HCysTRAJ AfrAm	-.0362718	.5958368	-0.06	0.951	-1.20409	1.131547
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ AfrAm	-.098844	.0715999	-1.38	0.167	-.2391773	.0414892
_cons	14.84457	.5198961	28.55	0.000	13.8256	15.86355

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1847015	.1945948	.0234248	1.456348
sd(_cons)	8.290796	.2677402	7.782297	8.83252
corr(timew1w3w4,_cons)	-.3372282	.2371263	-.7040854	.1717146
sd(Residual)	7.115027	.1365033	6.852453	7.387662

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251 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

```
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)
```

```
Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,026

Group variable: HNDID
                                Number of groups =    1,457
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =      .
                                Largest FMI       =      .
DF adjustment: Large sample      DF: min      =    0.00
                                    avg          =      .
                                    max          =      .
Model F test: Equal FMI          F( 15, 1.6e+66) =    9.92
                                    Prob > F     =    0.0000
```

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.097475	.0276802	-3.52	0.000	-.1517271	-.0432228
w1Agecent48	-.0276854	.013302	-2.08	0.037	-.0537568	-.0016141
c.timew1w3w4#c.w1Agecent48	-.0020714	.0015815	-1.31	0.190	-.0051711	.0010283
timew1w3w4	0 (omitted)					
Sex						
Men	-1.362675	.2485104	-5.48	0.000	-1.849746	-.8756038
Sex#c.timew1w3w4						
Men	.0535293	.0292427	1.83	0.067	-.0037852	.1108439
timew1w3w4	0 (omitted)					

Race						
AfrAm	-.5771576	.2475283	-2.33	0.020	-1.062304	-.092011
Race#c.timew1w3w4						
AfrAm	.003513	.0295123	0.12	0.905	-.05433	.061356
timew1w3w4	0	(omitted)				
PovStat						
Below	1.672709	.2559416	6.54	0.000	1.171073	2.174346
PovStat#c.timew1w3w4						
Below	-.0188237	.0297495	-0.63	0.527	-.0771316	.0394842
timew1w3w4	0	(omitted)				
invmillscES	-.0097368	.0110498	-0.88	0.378	-.031394	.0119204
c.timew1w3w4#c.invmillscES	.0005217	.0012273	0.43	0.671	-.0018836	.0029271
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2619518	.211546	1.24	0.216	-.1526709	.6765744
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0079868	.0259178	0.31	0.758	-.0428111	.0587847
Race#c.zw1w3w4HCysTRAJ						
AfrAm	-.0088775	.2605125	-0.03	0.973	-.5194727	.5017177
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
AfrAm	-.0263278	.0313856	-0.84	0.402	-.0878424	.0351868
_cons	4.788197	.2272773	21.07	0.000	4.342742	5.233653

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0592687	.	.	.
sd(_cons)	3.596097	.	.	.
corr(timew1w3w4,_cons)	-1	6.38e-11	-1	-1
sd(Residual)	3.162207	.	.	.

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255 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 4,026

Group variable: **HNDID**Number of groups = **1,457**

Obs per group:

min = **1**avg = **2.8**max = **3**Average RVI = **.**Largest FMI = **.**DF adjustment: **Large sample**DF: min = **0.00**avg = **.**max = **.**Model F test: **Equal FMI**F(15, 1.1e+66) = **5.22**Prob > F = **0.0000**

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0076825	.0087037	-0.88	0.377	-.0247414	.0093764
w1Agecent48	-.0108526	.0035613	-3.05	0.002	-.0178327	-.0038726
c.timew1w3w4#c.w1Agecent48	-.0001271	.0004973	-0.26	0.798	-.0011018	.0008476
timew1w3w4	0 (omitted)					
Sex						
Men	.085672	.0665243	1.29	0.198	-.0447133	.2160573
Sex#c.timew1w3w4						
Men	-.0107598	.0091966	-1.17	0.242	-.0287848	.0072651
timew1w3w4	0 (omitted)					
Race						
AfrAm	.0086635	.0662793	0.13	0.896	-.1212415	.1385685
Race#c.timew1w3w4						
AfrAm	.002443	.0092829	0.26	0.792	-.0157512	.0206372
timew1w3w4	0 (omitted)					
PovStat						
Below	.3241999	.0685932	4.73	0.000	.1897597	.4586401
PovStat#c.timew1w3w4						
Below	-.0022799	.0093572	-0.24	0.808	-.0206197	.0160599
timew1w3w4	0 (omitted)					
invmillscES	.0018368	.0029714	0.62	0.536	-.003987	.0076606
c.timew1w3w4#c.invmillscES	-.0004233	.0003864	-1.10	0.273	-.0011807	.0003341
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0921052	.0565926	1.63	0.104	-.0188142	.2030247
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0061092	.0081523	0.75	0.454	-.0098691	.0220875
Race#c.zw1w3w4HCysTRAJ						
AfrAm	-.0286333	.0697695	-0.41	0.682	-.1653791	.1081124
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
AfrAm	-.018222	.0098714	-1.85	0.065	-.0375696	.0011257
_cons	.7875913	.0607652	12.96	0.000	.6684937	.9066888

PovStat#c.timew1w3w4 Below	-.0229432	.0298015	-0.77	0.441	-.0813531	.0354667
timew1w3w4 invmillsCES	0 (omitted)					
	-.0048825	.0099701	-0.49	0.624	-.0244234	.0146585
c.timew1w3w4#c.invmillsCES	-.0010149	.0012274	-0.83	0.408	-.0034206	.0013908
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)					
	.2983959	.19057	1.57	0.117	-.0751144	.6719061
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0210376	.0259207	0.81	0.417	-.0297661	.0718413
Race#c.zw1w3w4HCysTRAJ AfrAm	.0164769	.2347701	0.07	0.944	-.443664	.4766178
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ AfrAm	-.0321457	.0313944	-1.02	0.306	-.0936776	.0293863
_cons	6.658366	.2047042	32.53	0.000	6.257153	7.059578

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1356038	.0492506	.0665456	.2763274
sd(_cons)	3.072674	.1145997	2.856076	3.305699
corr(timew1w3w4,_cons)	-.3685766	.1083051	-.559716	-.1402007
sd(Residual)	3.058671	.0575685	2.947895	3.17361

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263 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 4,026

Group variable: HNDID

Number of groups = 1,457

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = 0.0000

Largest FMI = 0.0000

DF adjustment: Large sample

DF: min = 5.21e+64

avg = 5.21e+64

max = .

Model F test: Equal FMI

F(15, .) = 8.43

Prob > F = 0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0021516	.0188608	-0.11	0.909	-.0391181	.0348149
w1Agecent48	.0204583	.0070795	2.89	0.004	.0065826	.0343339
c.timew1w3w4#c.w1Agecent48	-.0018103	.0010766	-1.68	0.093	-.0039204	.0002998
timew1w3w4	0	(omitted)				
Sex						
Men	.2675406	.1322351	2.02	0.043	.0083646	.5267166
Sex#c.timew1w3w4						
Men	.0057187	.0198924	0.29	0.774	-.0332696	.044707
timew1w3w4	0	(omitted)				
Race						
AfrAm	.7586425	.1317638	5.76	0.000	.5003903	1.016895
Race#c.timew1w3w4						
AfrAm	-.0758562	.020056	-3.78	0.000	-.1151652	-.0365472
timew1w3w4	0	(omitted)				
PovStat						
Below	-.5466493	.1363789	-4.01	0.000	-.813947	-.2793517
PovStat#c.timew1w3w4						
Below	-.0371104	.0202199	-1.84	0.066	-.0767406	.0025199
timew1w3w4	0	(omitted)				
invmillscES	-.00633	.0059127	-1.07	0.284	-.0179188	.0052587
c.timew1w3w4#c.invmillscES	.0015582	.0008295	1.88	0.060	-.0000675	.0031839
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	-.0408065	.1125428	-0.36	0.717	-.2613863	.1797734
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0178933	.017631	-1.01	0.310	-.0524495	.0166629
Race#c.zw1w3w4HCysTRAJ						
AfrAm	-.0530147	.138742	-0.38	0.702	-.3249439	.2189145
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
AfrAm	.0280647	.0213348	1.32	0.188	-.0137507	.0698802
_cons	9.376934	.1207986	77.62	0.000	9.140173	9.613695

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0747739	.0428254	.0243355	.2297527
sd(_cons)	1.540953	.0854625	1.382233	1.7179
corr(timew1w3w4,_cons)	.727566	.6836497	-.9582008	.9989389
sd(Residual)	2.086012	.0402412	2.008614	2.166394

```

264 .
265 .
266 . save, replace
    file finaldata_imputed_FINAL.dta saved

267 .
268 .
269 .
270 . //MODEL 2: FULL MODEL///
271 .
272 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    4,009

Group variable: HNDID
                                Number of groups =    1,457
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =    0.0677
                                Largest FMI       =    0.3059
DF adjustment: Large sample      DF: min       =    51.27
                                avg              = 163,544.30
                                max              = 2440403.37
Model F test: Equal FMI         F( 27,19014.0) =      8.67
                                Prob > F        =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2515879	.156872	-1.60	0.109	-.5590582	.0558824
w1Agecent48	-.0696696	.0302324	-2.30	0.021	-.1289248	-.0104145
c.timew1w3w4#c.w1Agecent48	-.0002251	.0037035	-0.06	0.952	-.0074839	.0070338
timew1w3w4	0 (omitted)					
Sex						
Men	-2.89903	.5681875	-5.10	0.000	-4.01268	-1.785381
Sex#c.timew1w3w4						
Men	.0855468	.0685964	1.25	0.212	-.0489016	.2199951
timew1w3w4	0 (omitted)					
Race						
AfrAm	-1.771599	.5581194	-3.17	0.002	-2.865526	-.677672
Race#c.timew1w3w4						
AfrAm	.079125	.0685976	1.15	0.249	-.0553254	.2135755
timew1w3w4	0 (omitted)					
PovStat						
Below	2.935185	.5962172	4.92	0.000	1.766529	4.10384
PovStat#c.timew1w3w4						
Below	.0064066	.0715912	0.09	0.929	-.1339129	.1467261

timew1w3w4	0	(omitted)					
wledubr							
2	-1.294658	1.17794	-1.10	0.272	-3.604714	1.015397	
3	-3.493957	1.234126	-2.83	0.005	-5.914184	-1.07373	
wledubr#c.timew1w3w4							
2	.1320898	.1477214	0.89	0.371	-.1574463	.4216258	
3	.0750921	.1539999	0.49	0.626	-.226743	.3769271	
timew1w3w4	0	(omitted)					
inv millsCES	-.0064077	.0246163	-0.26	0.795	-.0546547	.0418393	
c.timew1w3w4#c.inv millsCES	-.0019793	.0028034	-0.71	0.480	-.0074738	.0035153	
timew1w3w4	0	(omitted)					
1.w1smoke	1.883357	.6188243	3.04	0.002	.6669346	3.09978	
w1smoke#c.timew1w3w4							
1	-.0420367	.079296	-0.53	0.596	-.1975878	.1135143	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	2.809871	.8097561	3.47	0.001	1.193515	4.426227	
w1currrdrugs#c.timew1w3w4							
1	-.1614206	.1068673	-1.51	0.137	-.3756003	.0527592	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.057602	.0260552	-2.21	0.032	-.1099034	-.0053005	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.000439	.0032795	-0.13	0.894	-.0068878	.0060099	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0656931	.0385354	1.70	0.088	-.0098433	.1412295	
c.timew1w3w4#c.w1BM Icent30	.0010119	.0046936	0.22	0.829	-.0081874	.0102112	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.6680828	.4731882	1.41	0.158	-.2593554	1.595521	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0385014	.059804	0.64	0.520	-.0787197	.1557225	
Race#c.zw1w3w4HCysTRAJ							
AfrAm	-.0502569	.5824982	-0.09	0.931	-1.191939	1.091426	
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
AfrAm	-.0879272	.0721973	-1.22	0.223	-.2294359	.0535815	
_cons	16.29122	1.233566	13.21	0.000	13.87283	18.70962	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1904989	.1928665	.0261879	1.385747
sd(_cons)	7.910308	.2683548	7.401446	8.454155
corr(timew1w3w4,_cons)	-.3294232	.2282037	-.6878823	.1582221
sd(Residual)	7.117803	.1380512	6.852261	7.393635

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274 .

275 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(27,24196.4)	=	7.81
	Prob > F	=	0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1261826	.0684494	-1.84	0.065	-.2603429	.0079778
w1Agecent48	-.0170621	.0133295	-1.28	0.201	-.0431877	.0090636
c.timew1w3w4#c.w1Agecent48	-.002447	.0016175	-1.51	0.130	-.0056171	.0007232
timew1w3w4	0	(omitted)				
Sex						
Men	-1.531037	.2500474	-6.12	0.000	-2.021125	-1.04095
Sex#c.timew1w3w4						
Men	.0629617	.0299842	2.10	0.036	.0041932	.1217302
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.6552483	.2453185	-2.67	0.008	-1.136066	-.1744302
Race#c.timew1w3w4						
AfrAm	.000876	.0299843	0.03	0.977	-.0578924	.0596444
timew1w3w4	0	(omitted)				
PovStat						
Below	1.21623	.2626089	4.63	0.000	.701497	1.730964
PovStat#c.timew1w3w4						
Below	-.004848	.0313103	-0.15	0.877	-.0662157	.0565196
timew1w3w4	0	(omitted)				
w1edubr						
2	-.3394311	.5235305	-0.65	0.517	-1.366661	.6877992
3	-1.149957	.5434161	-2.12	0.034	-2.215588	-.0843263
w1edubr#c.timew1w3w4						

2	.0461403	.0645507	0.71	0.475	-.080382	.1726627
3	.0498628	.0674041	0.74	0.459	-.0822491	.1819747
timew1w3w4	0	(omitted)				
inv millsCES	-.009721	.0108605	-0.90	0.371	-.0310071	.0115652
c.timew1w3w4#c.inv millsCES	.0006709	.0012314	0.54	0.586	-.0017426	.0030845
timew1w3w4	0	(omitted)				
1.w1smoke	.6801916	.2670762	2.55	0.011	.1563166	1.204067
w1smoke#c.timew1w3w4						
1	-.0282042	.0340895	-0.83	0.408	-.0950254	.0386171
timew1w3w4	0	(omitted)				
1.w1currrdrugs	1.206304	.3387063	3.56	0.000	.5376133	1.874995
w1currrdrugs#c.timew1w3w4						
1	-.0497624	.0448365	-1.11	0.270	-.1388008	.039276
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0171154	.0125498	-1.36	0.184	-.0428879	.0086571
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0000949	.00146	-0.07	0.948	-.0029735	.0027836
timew1w3w4	0	(omitted)				
w1BMICent30	.0260884	.0168834	1.55	0.122	-.0070028	.0591796
c.timew1w3w4#c.w1BMICent30	.0011262	.0020556	0.55	0.584	-.0029027	.0051552
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2268655	.208315	1.09	0.276	-.1814261	.6351571
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0059336	.0260789	0.23	0.820	-.0451809	.0570482
Race#c.zw1w3w4HCysTRAJ						
AfrAm	-.007048	.256587	-0.03	0.978	-.509951	.495855
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ						
AfrAm	-.0229762	.0315525	-0.73	0.466	-.0848188	.0388664
_cons	5.174931	.5436758	9.52	0.000	4.10906	6.240802

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0566981	.	.
sd(_cons)	3.475456	.	.
corr(timew1w3w4,_cons)	-1	.	.
sd(Residual)	3.163787	.	.

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279 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(27,60640.1)	=	3.92
	Prob > F	=	0.0000

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0117942	.0215003	-0.55	0.583	-.0539341	.0303458
w1Agecent48	-.0090102	.0036104	-2.50	0.013	-.0160865	-.0019338
c.timew1w3w4#c.w1Agecent48	-.0002271	.0005087	-0.45	0.655	-.0012241	.0007699
timew1w3w4	0	(omitted)				
Sex						
Men	.055999	.0678412	0.83	0.409	-.0769694	.1889674
Sex#c.timew1w3w4						
Men	-.009054	.0094293	-0.96	0.337	-.0275352	.0094273
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.0012312	.0665361	-0.02	0.985	-.1316407	.1291783
Race#c.timew1w3w4						
AfrAm	.0023759	.009418	0.25	0.801	-.0160831	.0208348
timew1w3w4	0	(omitted)				
PovStat						
Below	.2475433	.070956	3.49	0.000	.1084711	.3866154
PovStat#c.timew1w3w4						
Below	-.0006373	.0098467	-0.06	0.948	-.0199366	.018662
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0691021	.1403196	-0.49	0.622	-.3441781	.2059739
3	-.2507163	.1456875	-1.72	0.085	-.5362613	.0348287

wledubr#c.timew1w3w4							
2	.0060869	.0202248	0.30	0.763	-.0335531	.0457269	
3	.0063016	.0212622	0.30	0.767	-.0353737	.047977	
timew1w3w4	0	(omitted)					
inv millsCES	.0020137	.0029549	0.68	0.496	-.0037777	.0078052	
c.timew1w3w4#c.inv millsCES	-.0004025	.0003874	-1.04	0.299	-.0011617	.0003568	
timew1w3w4	0	(omitted)					
1.w1smoke	.0314616	.0756664	0.42	0.678	-.117148	.1800712	
w1smoke#c.timew1w3w4							
1	.0024097	.0106401	0.23	0.821	-.0184448	.0232641	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	.2233386	.0972812	2.30	0.024	.0302689	.4164084	
w1currrdrugs#c.timew1w3w4							
1	-.0196639	.0131978	-1.49	0.137	-.0456075	.0062796	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.004588	.0033384	-1.37	0.176	-.0113028	.0021268	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0001268	.0004722	0.27	0.789	-.000809	.0010625	
timew1w3w4	0	(omitted)					
w1BM Icent30	.0039419	.0046139	0.85	0.393	-.0051021	.0129859	
c.timew1w3w4#c.w1BM Icent30	-.0000493	.0006451	-0.08	0.939	-.0013136	.001215	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.0884081	.0563239	1.57	0.116	-.0219847	.1988008	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.00556	.0081785	0.68	0.497	-.0104696	.0215895	
Race#c.zw1w3w4HCysTRAJ							
AfrAm	-.0320125	.0694811	-0.46	0.645	-.1681931	.1041681	
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
AfrAm	-.0173662	.0098971	-1.75	0.079	-.0367643	.0020318	
_cons	.9115051	.1477662	6.17	0.000	.6218472	1.201163	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0072062	.	.
sd(_cons)	.8148569	.	.
corr(timew1w3w4,_cons)	-.9999999	.	.
sd(Residual)	1.001286	.	.

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283 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMIcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0518
	Largest FMI	=	0.3094
DF adjustment: Large sample	DF: min	=	50.15
	avg	=	192,976.33
	max	=	3727154.03
Model F test: Equal FMI	F(27,31783.7)	=	10.71
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1327907	.0688005	-1.93	0.054	-.2676456	.0020643
w1Agecent48	-.0270311	.011885	-2.27	0.023	-.0503253	-.0037368
c.timew1w3w4#c.w1Agecent48	.0008981	.0016224	0.55	0.580	-.0022818	.0040781
timew1w3w4	0	(omitted)				
Sex						
Men	-1.096616	.2234648	-4.91	0.000	-1.534605	-.6586276
Sex#c.timew1w3w4						
Men	.033088	.0301345	1.10	0.272	-.0259755	.0921515
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.3445903	.2196599	-1.57	0.117	-.7751284	.0859477
Race#c.timew1w3w4						
AfrAm	.0012068	.0301033	0.04	0.968	-.0577957	.0602094
timew1w3w4	0	(omitted)				
PovStat						
Below	1.116276	.2347393	4.76	0.000	.6561669	1.576386
PovStat#c.timew1w3w4						
Below	-.0204627	.0314571	-0.65	0.515	-.0821188	.0411934
timew1w3w4	0	(omitted)				
w1edubr						
2	-.4721116	.4588883	-1.03	0.304	-1.371585	.4273621
3	-1.431268	.487145	-2.94	0.003	-2.386509	-.476027

wledubr#c.timew1w3w4							
2	.0567561	.0649036	0.87	0.382	-.0704658	.183978	
3	.0520814	.0675336	0.77	0.441	-.0802841	.1844468	
timew1w3w4	0	(omitted)					
invmillsCES	-.0046657	.0097133	-0.48	0.631	-.0237033	.014372	
c.timew1w3w4#c.invmillsCES	-.0008337	.0012369	-0.67	0.500	-.0032579	.0015905	
timew1w3w4	0	(omitted)					
1.w1smoke	.8962009	.2544433	3.52	0.001	.3947771	1.397625	
w1smoke#c.timew1w3w4							
1	-.0083786	.0348062	-0.24	0.810	-.076666	.0599087	
timew1w3w4	0	(omitted)					
1.w1currdrugs	.8921247	.3029548	2.94	0.004	.2956192	1.48863	
w1currdrugs#c.timew1w3w4							
1	-.0252368	.0471972	-0.53	0.595	-.1200283	.0695547	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0250203	.0099525	-2.51	0.013	-.0446844	-.0053562	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0011214	.0014373	-0.78	0.436	-.0039486	.0017057	
timew1w3w4	0	(omitted)					
w1BMICent30	.0262217	.0152011	1.72	0.085	-.0035756	.056019	
c.timew1w3w4#c.w1BMICent30	.0005097	.0020653	0.25	0.805	-.0035384	.0045578	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.2528534	.1860355	1.36	0.174	-.1117725	.6174793	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0180159	.0262253	0.69	0.492	-.033388	.0694199	
Race#c.zw1w3w4HCysTRAJ							
AfrAm	.0160165	.2291115	0.07	0.944	-.4330354	.4650685	
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
AfrAm	-.0283632	.0316733	-0.90	0.371	-.0904435	.0337171	
_cons	7.203866	.4877542	14.77	0.000	6.247621	8.160111	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1414949	.0478668	.0729055	.2746131
sd(_cons)	2.906861	.1157676	2.688589	3.142853
corr(timew1w3w4,_cons)	-.4091482	.1041837	-.5914162	-.1871037
sd(Residual)	3.059088	.0579574	2.947564	3.174831

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286 .

287 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ##Race ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	4,026
Group variable: HNDID	Number of groups	=	1,457
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0658
	Largest FMI	=	0.2901
DF adjustment: Large sample	DF: min	=	56.75
	avg	=	267,599.86
	max	=	2348809.49
Model F test: Equal FMI	F(27,19637.9)	=	6.74
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0268174	.046626	-0.58	0.565	-.118209	.0645742
w1Agecent48	.0154875	.0071398	2.17	0.030	.0014937	.0294813
c.timew1w3w4#c.w1Agecent48	-.0014901	.0011014	-1.35	0.176	-.0036489	.0006687
timew1w3w4	0	(omitted)				
Sex						
Men	.3558455	.1339113	2.66	0.008	.0933822	.6183089
Sex#c.timew1w3w4						
Men	.0010945	.0203211	0.05	0.957	-.0387342	.0409232
timew1w3w4	0	(omitted)				
Race						
AfrAm	.7745931	.1317862	5.88	0.000	.5162894	1.032897
Race#c.timew1w3w4						
AfrAm	-.0743011	.0203014	-3.66	0.000	-.1140913	-.0345109
timew1w3w4	0	(omitted)				
PovStat						
Below	-.3384257	.1407051	-2.41	0.016	-.6142131	-.0626383
PovStat#c.timew1w3w4						
Below	-.0312131	.0212336	-1.47	0.142	-.0728309	.0104047
timew1w3w4	0	(omitted)				
w1edubr						
2	.2994758	.2760226	1.08	0.278	-.2415515	.8405031
3	.5505449	.2894799	1.90	0.057	-.0168587	1.117948

wledubr#c.timew1w3w4							
2	-.0110763	.0438208	-0.25	0.800	-.0969673	.0748146	
3	.0476416	.0457396	1.04	0.298	-.0420079	.137291	
timew1w3w4	0	(omitted)					
inv millsCES	-.0063092	.0058491	-1.08	0.281	-.0177732	.0051548	
c.timew1w3w4#c.inv millsCES	.0014272	.0008303	1.72	0.086	-.0002002	.0030546	
timew1w3w4	0	(omitted)					
1.w1smoke	-.2930949	.152002	-1.93	0.055	-.59209	.0059003	
w1smoke#c.timew1w3w4							
1	-1.15e-06	.0247558	-0.00	1.000	-.0488651	.0488628	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	-.5113747	.2005918	-2.55	0.014	-.913091	-.1096584	
w1currrdrugs#c.timew1w3w4							
1	.0578156	.0306042	1.89	0.063	-.0030938	.118725	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	.015094	.0058302	2.59	0.010	.0036424	.0265456	
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.000819	.0010126	-0.81	0.420	-.0028243	.0011862	
timew1w3w4	0	(omitted)					
w1BM Icent30	-.0107621	.0091014	-1.18	0.237	-.0286015	.0070774	
c.timew1w3w4#c.w1BM Icent30	.0004957	.0013898	0.36	0.721	-.0022283	.0032198	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	-.0274347	.1114687	-0.25	0.806	-.2459099	.1910406	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0158997	.0177086	-0.90	0.369	-.0506087	.0188092	
Race#c.zw1w3w4HCysTRAJ							
AfrAm	-.0455587	.1374942	-0.33	0.740	-.3150435	.2239261	
Race#c.timew1w3w4#c.zw1w3w4HCysTRAJ							
AfrAm	.0260903	.0213755	1.22	0.222	-.0158052	.0679858	
_cons	9.102369	.2902087	31.36	0.000	8.533562	9.671177	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0713412	.0450769	.0206776	.2461394
sd(_cons)	1.485781	.0870901	1.324527	1.666666
corr(timew1w3w4,_cons)	.7723055	.9238815	-.9980312	.9999675
sd(Residual)	2.085784	.0403108	2.008252	2.166309

```

288 .
289 .
290 . save, replace
    file finaldata_imputed_FINAL.dta saved

291 .
292 .
293 .
294 . *****BY ANXIETY STATUS*****
295 .
296 .
297 .
298 .
299 . *****NON-ANXIOUS*****
300 .
301 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
302 .
303 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
    > if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =          5
Mixed-effects ML regression      Number of obs    =       1,674

Group variable: HNDID
                                Number of groups =         608
                                Obs per group:
                                    min =          1
                                    avg =         2.8
                                    max =          3
                                Average RVI      =          .
                                Largest FMI       =          .
                                DF:   min         =         0.00
                                    avg         =          .
                                    max         =          .
DF adjustment:   Large sample
                                F( 13, 1.5e+67) =         2.65
                                Prob > F        =         0.0010

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.1108926	.0856818	1.29	0.196	-.0570408	.2788259
w1Agecent48	-.0268885	.0322497	-0.83	0.404	-.0900968	.0363199
c.timew1w3w4#c.w1Agecent48	.0011318	.0046406	0.24	0.807	-.0079636	.0102272
timew1w3w4	0 (omitted)					
Sex						
Men	.0304148	.5922602	0.05	0.959	-1.130394	1.191224
Sex#c.timew1w3w4						
Men	-.0860988	.085102	-1.01	0.312	-.2528956	.080698
timew1w3w4	0 (omitted)					
Race						
AfrAm	.884616	.6206895	1.43	0.154	-.331913	2.101145
Race#c.timew1w3w4						
AfrAm	.0154285	.0902294	0.17	0.864	-.1614178	.1922749
timew1w3w4	0 (omitted)					

PovStat						
Below	1.364183	.6611057	2.06	0.039	.0684391	2.659926
PovStat#c.timew1w3w4						
Below	.1688304	.0934979	1.81	0.071	-.0144222	.3520829
timew1w3w4	0	(omitted)				
invmillscES	.0481239	.0695201	0.69	0.489	-.0881331	.1843809
c.timew1w3w4#c.invmillscES	-.0006298	.0102215	-0.06	0.951	-.0206636	.0194041
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.4123274	.3090283	1.33	0.182	-.193357	1.018012
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0049494	.0446578	0.11	0.912	-.0825783	.092477
_cons	7.601246	.5816919	13.07	0.000	6.461151	8.741341

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.2108527	.	.
sd(_cons)	4.72811	.	.
corr(timew1w3w4,_cons)	.9999999	.	.
sd(Residual)	5.96245	.	.

304 .

305 .

306 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,680

Group variable: HNDID

Number of groups = 608

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(13, 9.2e+66) = 1.72

Prob > F = 0.0505

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0474075	.0365024	1.30	0.194	-.0241359	.1189508
w1Agecent48	-.0092649	.0133252	-0.70	0.487	-.0353819	.0168521
c.timew1w3w4#c.w1Agecent48	-.0017548	.0019752	-0.89	0.374	-.0056261	.0021165
timew1w3w4	0	(omitted)				
Sex						
Men	-.3100951	.2446322	-1.27	0.205	-.7895654	.1693753
Sex#c.timew1w3w4						
Men	-.014476	.0362806	-0.40	0.690	-.0855847	.0566327
timew1w3w4	0	(omitted)				
Race						
AfrAm	.2566854	.2563406	1.00	0.317	-.2457329	.7591037
Race#c.timew1w3w4						
AfrAm	-.0143638	.0384508	-0.37	0.709	-.0897259	.0609984
timew1w3w4	0	(omitted)				
PovStat						
Below	.6350376	.2733115	2.32	0.020	.099357	1.170718
PovStat#c.timew1w3w4						
Below	.0214147	.0398871	0.54	0.591	-.0567625	.0995919
timew1w3w4	0	(omitted)				
invmillscES	.0215471	.0287674	0.75	0.454	-.034836	.0779302
c.timew1w3w4#c.invmillscES	-.0013073	.0043777	-0.30	0.765	-.0098874	.0072728
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0468431	.12759	0.37	0.714	-.2032288	.2969149
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0076657	.0190453	0.40	0.687	-.0296624	.0449937
_cons	1.929422	.2401297	8.03	0.000	1.458776	2.400067

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0752588	.	.	.
sd(_cons)	1.838274	.	.	.
corr(timew1w3w4,_cons)	1	.	.	.
sd(Residual)	2.572217	.	.	.

307 .
 308 .
 309 .

310 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,680
Group variable: HNDID	Number of groups	=	608
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	.
	Largest FMI	=	.
DF adjustment: Large sample	DF: min	=	0.00
	avg	=	.
	max	=	.
Model F test: Equal FMI	F(13, 3.1e+68)	=	2.55
	Prob > F	=	0.0017

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0062298	.0110835	-0.56	0.574	-.0279531	.0154935
w1Agecent48	-.005302	.0040333	-1.31	0.189	-.0132072	.0026032
c.timew1w3w4#c.w1Agecent48	.0006218	.0006008	1.04	0.301	-.0005557	.0017993
timew1w3w4	0 (omitted)					
Sex						
Men	.1892879	.0740422	2.56	0.011	.0441678	.334408
Sex#c.timew1w3w4						
Men	-.0130718	.0110358	-1.18	0.236	-.0347016	.008558
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.0254125	.0775728	-0.33	0.743	-.1774524	.1266275
Race#c.timew1w3w4						
AfrAm	.0139209	.011702	1.19	0.234	-.0090147	.0368564
timew1w3w4	0 (omitted)					
PovStat						
Below	.162411	.0827755	1.96	0.050	.000174	.3246479
PovStat#c.timew1w3w4						
Below	.0118601	.0121419	0.98	0.329	-.0119376	.0356577
timew1w3w4	0 (omitted)					
invmillsCES	-.0022228	.0087214	-0.25	0.799	-.0193163	.0148708
c.timew1w3w4#c.invmillsCES	.0002397	.0013486	0.18	0.859	-.0024035	.002883
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0387263	.0386341	1.00	0.316	-.0369952	.1144478

c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0088511	.0057882	1.53	0.126	-.0024937	.0201958
_cons	.4258105	.0726313	5.86	0.000	.2834558	.5681652

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]		
HNDID: Unstructured					
sd(timew1w3w4)	.0031495	.	.	.	.
sd(_cons)	.5252399	.	.	.	.
corr(timew1w3w4,_cons)	.9999999	.	.	.	.
sd(Residual)	.8063951	.	.	.	.

311 .
312 .
313 .

314 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

```
> c.timew1w3w4#c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)
```

```
Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,680

Group variable: HNDID
                                Number of groups   =    608
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI        =      .
                                Largest FMI        =      .
DF adjustment: Large sample
                                DF: min          =    0.00
                                    avg          =      .
                                    max          =      .
Model F test: Equal FMI
                                F( 13, .)        =    1.88
                                Prob > F         =    0.0277
```

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0087148	.039054	0.22	0.823	-.0678296	.0852593
w1Agecent48	-.0018005	.0148842	-0.12	0.904	-.030973	.0273721
c.timew1w3w4#c.w1Agecent48	.0006987	.0021142	0.33	0.741	-.003445	.0048424
timew1w3w4	0 (omitted)					
Sex						
Men	.1631037	.2732337	0.60	0.551	-.3724245	.6986318
Sex#c.timew1w3w4						
Men	-.0212209	.0388346	-0.55	0.585	-.0973354	.0548936
timew1w3w4	0 (omitted)					
Race						
AfrAm	.630969	.286299	2.20	0.028	.0698333	1.192105
Race#c.timew1w3w4						
AfrAm	-.0100551	.041171	-0.24	0.807	-.0907487	.0706386

timew1w3w4	0 (omitted)					
PovStat						
Below	.5115379	.3052075	1.68	0.094	-.0866578	1.109734
PovStat#c.timew1w3w4						
Below	.0468441	.0427004	1.10	0.273	-.0368472	.1305353
timew1w3w4	0 (omitted)					
invmillscES	.0289975	.0321258	0.90	0.367	-.0339679	.091963
c.timew1w3w4#c.invmillscES	.0000536	.0047108	0.01	0.991	-.0091793	.0092866
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.2771835	.1424807	1.95	0.052	-.0020736	.5564406
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0032738	.0203801	-0.16	0.872	-.0432181	.0366705
_cons	3.967748	.2681876	14.79	0.000	3.44211	4.493386

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0436098	.	.	.
sd(_cons)	2.138451	.1064471	1.939673	2.3576
corr(timew1w3w4,_cons)	.9999994	6.23e-08	.9999993	.9999995
sd(Residual)	2.799791	.0605038	2.683682	2.920923

315 .
316 .
317 .

318 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,680

Group variable: HNDID

Number of groups = 608

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(13, 9.3e+69) = 4.67

Prob > F = 0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0456472	.0266637	-1.71	0.087	-.0979072	.0066128
w1Agecent48	.0112962	.008428	1.34	0.180	-.0052223	.0278148
c.timew1w3w4#c.w1Agecent48	-.0016137	.0014431	-1.12	0.263	-.0044421	.0012147
timew1w3w4	0	(omitted)				
Sex						
Men	-.0205335	.1547613	-0.13	0.894	-.3238601	.2827932
Sex#c.timew1w3w4						
Men	.0381407	.0265051	1.44	0.150	-.0138083	.0900897
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.0205235	.162176	-0.13	0.899	-.3383825	.2973356
Race#c.timew1w3w4						
AfrAm	-.0374954	.0280639	-1.34	0.182	-.0924996	.0175087
timew1w3w4	0	(omitted)				
PovStat						
Below	-.1034389	.173085	-0.60	0.550	-.4426793	.2358015
PovStat#c.timew1w3w4						
Below	-.0810723	.029148	-2.78	0.005	-.1382012	-.0239433
timew1w3w4	0	(omitted)				
invmillscES	.0002129	.018225	0.01	0.991	-.0355074	.0359331
c.timew1w3w4#c.invmillscES	-.0001157	.0031673	-0.04	0.971	-.0063236	.0060921
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	-.0130196	.0807909	-0.16	0.872	-.1713668	.1453276
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0109669	.0139162	0.79	0.431	-.0163083	.0382422
_cons	10.72708	.15189	70.62	0.000	10.42939	11.02478

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0996605	.0155942	.0733386	.1354294
sd(_cons)	.934001	.087053	.7780573	1.1212
corr(timew1w3w4,_cons)	1	.	.	.
sd(Residual)	1.793466	.038602	1.719381	1.870743

```

319 .
320 .
321 . save, replace
    file finaldata_imputed_FINAL.dta saved

322 .
323 .
324 .
325 . //MODEL 2: FULL MODEL///
326 .
327 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
    > c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
    > c.timew1w3w4##c.w1BMICent30 ///
    > c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
    > if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4

```

```

Multiple-imputation estimates      Imputations      =          5
Mixed-effects ML regression      Number of obs    =       1,674

Group variable: HNDID
                                Number of groups =        608
                                Obs per group:
                                    min =          1
                                    avg =         2.8
                                    max =          3
                                Average RVI      =       0.0544
                                Largest FMI       =       0.2574
DF adjustment: Large sample      DF:      min    =       71.31
                                    avg          =    198,132.48
                                    max          =    2914944.71
Model F test: Equal FMI          F( 25,27764.6) =         3.30
                                Prob > F         =       0.0000

```

	CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4		.2466336	.2560514	0.96	0.335	-.2552359	.7485031
w1Agecent48		-.0132897	.0340019	-0.39	0.696	-.0799332	.0533538
c.timew1w3w4#c.w1Agecent48		.0013228	.004747	0.28	0.781	-.0079815	.0106271
timew1w3w4		0 (omitted)					
Sex							
Men		-.5478723	.6433425	-0.85	0.394	-1.808909	.713164
Sex#c.timew1w3w4							
Men		-.0674985	.0894108	-0.75	0.450	-.2427488	.1077517
timew1w3w4		0 (omitted)					
Race							
AfrAm		.7423095	.6542329	1.13	0.257	-.5400552	2.024674
Race#c.timew1w3w4							
AfrAm		-.0093478	.0924386	-0.10	0.919	-.1905355	.1718399
timew1w3w4		0 (omitted)					
PovStat							
Below		.6390761	.7092328	0.90	0.368	-.7510972	2.029249
PovStat#c.timew1w3w4							
Below		.1388428	.0962124	1.44	0.149	-.0497301	.3274157

timew1w3w4	0 (omitted)					
wledubr						
2	-1.610665	1.662945	-0.97	0.333	-4.870163	1.648834
3	-2.166035	1.661476	-1.30	0.192	-5.422469	1.090399
wledubr#c.timew1w3w4						
2	-.0834345	.254505	-0.33	0.743	-.5823086	.4154395
3	-.2397821	.2541828	-0.94	0.346	-.7380125	.2584482
timew1w3w4	0 (omitted)					
inv millsCES	.0334924	.072499	0.46	0.644	-.1086052	.1755899
c.timew1w3w4#c.inv millsCES	-.0016971	.0104187	-0.16	0.871	-.0221204	.0187262
timew1w3w4	0 (omitted)					
1.w1smoke	1.293946	.6961961	1.86	0.063	-.0716573	2.659549
w1smoke#c.timew1w3w4						
1	.1161752	.1038992	1.12	0.264	-.0880577	.3204081
timew1w3w4	0 (omitted)					
1.w1currrdrugs	1.939303	.9385678	2.07	0.041	.079706	3.798899
w1currrdrugs#c.timew1w3w4						
1	-.0658448	.1394272	-0.47	0.638	-.3438338	.2121442
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	-.0516857	.0288053	-1.79	0.075	-.1087534	.005382
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0011411	.0042218	0.27	0.787	-.0071749	.009457
timew1w3w4	0 (omitted)					
w1BM Icent30	-.0338313	.0465666	-0.73	0.468	-.1251058	.0574432
c.timew1w3w4#c.w1BM Icent30	.0098033	.0064881	1.51	0.131	-.0029144	.0225211
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.3430282	.3217612	1.07	0.286	-.2876153	.9736716
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0067679	.0449886	-0.15	0.880	-.0949444	.0814086
_cons	9.225017	1.674583	5.51	0.000	5.942826	12.50721

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	.2477886	.1108267	.10312	.5954146
sd(_cons)	5.13141	.2498219	4.664401	5.645176
sd(Residual)	5.947416	.1497494	5.660968	6.248359

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330 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,680

Group variable: HNDID

Number of groups = 608

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(25,49212.7) = 1.99

Prob > F = 0.0022

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0799231	.109219	0.73	0.464	-.1341462	.2939924
w1Agecent48	-.0040404	.0133585	-0.30	0.762	-.0302227	.0221419
c.timew1w3w4#c.w1Agecent48	-.0017304	.002017	-0.86	0.391	-.0056837	.0022229
timew1w3w4	0	(omitted)				
Sex						
Men	-.546601	.2517796	-2.17	0.030	-1.040088	-.0531145
Sex#c.timew1w3w4						
Men	-.0063379	.03811	-0.17	0.868	-.0810372	.0683615
timew1w3w4	0	(omitted)				
Race						
AfrAm	.1904384	.2564866	0.74	0.458	-.3122793	.6931562
Race#c.timew1w3w4						
AfrAm	-.023079	.0392141	-0.59	0.556	-.0999386	.0537805
timew1w3w4	0	(omitted)				
PovStat						
Below	.4193791	.2783134	1.51	0.132	-.1261183	.9648765
PovStat#c.timew1w3w4						
Below	.0183959	.0409274	0.45	0.653	-.0618204	.0986122
timew1w3w4	0	(omitted)				
w1edubr						
2	-.1999465	.6546403	-0.31	0.760	-1.483042	1.083149
3	-.3503764	.6558912	-0.53	0.593	-1.6359	.9351472
w1edubr#c.timew1w3w4						

	2	-.0197212	.1083538	-0.18	0.856	-.2320993	.1926569
	3	-.0460657	.1081591	-0.43	0.670	-.2580584	.1659269
	timew1w3w4	0	(omitted)				
	inv millsCES	.0157296	.0285139	0.55	0.581	-.0401567	.071616
	c.timew1w3w4#c.inv millsCES	-.0012852	.0044142	-0.29	0.771	-.0099371	.0073667
	timew1w3w4	0	(omitted)				
	1.w1smoke	.4037833	.2872654	1.41	0.161	-.1618323	.9693989
	w1smoke#c.timew1w3w4						
	1	.0169448	.0439544	0.39	0.700	-.0694146	.1033042
	timew1w3w4	0	(omitted)				
	1.w1currrdrugs	.8378946	.3465125	2.42	0.016	.1580113	1.517778
	w1currrdrugs#c.timew1w3w4						
	1	.0041025	.0593421	0.07	0.945	-.1142534	.1224584
	timew1w3w4	0	(omitted)				
	w1hei2010_total_scorecent43	-.0083094	.0118248	-0.70	0.484	-.0318701	.0152513
	c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0004964	.0018493	-0.27	0.789	-.0041576	.0031648
	timew1w3w4	0	(omitted)				
	w1BMICent30	-.025344	.018276	-1.39	0.166	-.0611652	.0104773
	c.timew1w3w4#c.w1BMICent30	.0052357	.0027477	1.91	0.057	-.0001499	.0106213
	timew1w3w4	0	(omitted)				
	zw1w3w4HCysTRAJ	.0316751	.1264535	0.25	0.802	-.2161699	.2795202
	c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0052682	.0191534	0.28	0.783	-.0322719	.0428083
	_cons	2.109836	.6600474	3.20	0.001	.8161576	3.403514

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.072707	.	.
sd(_cons)	1.769036	.	.
corr(timew1w3w4,_cons)	1	.	.
sd(Residual)	2.572773	.	.

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334 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,680

Group variable: HNDID
                                Number of groups =    608
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =      .
                                Largest FMI       =      .
DF adjustment:  Large sample    DF:  min      =    0.00
                                    avg          =      .
                                    max          =      .
Model F test:      Equal FMI    F( 25,72760.9) =    1.60
                                Prob > F        =    0.0296

```

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0470713	.0332175	-1.42	0.156	-.1121765	.0180339
w1Agecent48	-.0045346	.0040861	-1.11	0.267	-.0125433	.0034741
c.timew1w3w4#c.w1Agecent48	.0006123	.0006116	1.00	0.317	-.0005864	.001811
timew1w3w4	0	(omitted)				
Sex						
Men	.1569571	.0769801	2.04	0.041	.0060777	.3078364
Sex#c.timew1w3w4						
Men	-.0122829	.0115223	-1.07	0.286	-.0348663	.0103006
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.0222332	.0781713	-0.28	0.776	-.1754462	.1309799
Race#c.timew1w3w4						
AfrAm	.0102963	.0119016	0.87	0.387	-.0130304	.033623
timew1w3w4	0	(omitted)				
PovStat						
Below	.1463006	.0849234	1.72	0.085	-.0201465	.3127477
PovStat#c.timew1w3w4						
Below	.0116876	.0124705	0.94	0.349	-.0127542	.0361294
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0960491	.2000594	-0.48	0.631	-.4881595	.2960613
3	-.0923048	.2008237	-0.46	0.646	-.485912	.3013024
w1edubr#c.timew1w3w4						
2	.0448874	.0329096	1.36	0.173	-.0196145	.1093892

3	.0340777	.0328949	1.04	0.300	-.0303952	.0985507
timew1w3w4	0 (omitted)					
inv millsCES	-.0027962	.0087292	-0.32	0.749	-.019905	.0143126
c.timew1w3w4#c.inv millsCES	.000181	.0013525	0.13	0.894	-.0024699	.002832
timew1w3w4	0 (omitted)					
1.w1smoke	-.0643356	.088696	-0.73	0.469	-.2389933	.1103221
w1smoke#c.timew1w3w4						
1	.016474	.0133076	1.24	0.216	-.0096587	.0426067
timew1w3w4	0 (omitted)					
1.w1curdrugs	.0956691	.1100725	0.87	0.385	-.1208588	.312197
w1curdrugs#c.timew1w3w4						
1	-.0105478	.0171377	-0.62	0.539	-.044381	.0232855
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	-.0026064	.0034746	-0.75	0.454	-.0094591	.0042463
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0003344	.0005372	0.62	0.534	-.000722	.0013907
timew1w3w4	0 (omitted)					
w1BM Icent30	-.008457	.0055904	-1.51	0.130	-.0194142	.0025002
c.timew1w3w4#c.w1BM Icent30	.0007689	.0008364	0.92	0.358	-.0008705	.0024083
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0392796	.038649	1.02	0.309	-.036471	.1150302
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0083366	.005814	1.43	0.152	-.0030587	.0197318
_cons	.5424474	.2024763	2.68	0.007	.1455948	.9393

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0033955	.	.
sd(_cons)	.5225381	.	.
corr(timew1w3w4,_cons)	.9999999	.	.
sd(Residual)	.8043955	.	.

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338 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,680

Group variable: HNDID
                                Number of groups =    608
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =      .
                                Largest FMI       =      .
                                DF:      min      =     0.00
                                    avg      =      .
                                    max      =      .
DF adjustment:  Large sample      F( 25,18160.0) =     3.40
                                Prob > F        =     0.0000
Model F test:      Equal FMI

```

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0713066	.1169866	0.61	0.542	-.1579912	.3006043
w1Agecent48	.0038048	.0147622	0.26	0.797	-.0251291	.0327387
c.timew1w3w4#c.w1Agecent48	.0007161	.0021531	0.33	0.739	-.003504	.0049362
timew1w3w4	0	(omitted)				
Sex						
Men	-.0227708	.2805079	-0.08	0.935	-.5726765	.5271349
Sex#c.timew1w3w4						
Men	-.0192547	.0406626	-0.47	0.636	-.0989583	.0604489
timew1w3w4	0	(omitted)				
Race						
AfrAm	.5771261	.2838308	2.03	0.042	.0207844	1.133468
Race#c.timew1w3w4						
AfrAm	-.0264413	.0420569	-0.63	0.530	-.1088781	.0559956
timew1w3w4	0	(omitted)				
PovStat						
Below	.1454277	.3085222	0.47	0.637	-.4593305	.7501859
PovStat#c.timew1w3w4						
Below	.0358445	.0437045	0.82	0.412	-.0498148	.1215039
timew1w3w4	0	(omitted)				
w1edubr						
2	-.7228277	.721424	-1.00	0.316	-2.136815	.6911595
3	-1.137701	.7232922	-1.57	0.116	-2.555329	.2799269
w1edubr#c.timew1w3w4						
2	-.040673	.1161663	-0.35	0.726	-.2683733	.1870272
3	-.1026078	.1161189	-0.88	0.377	-.3302147	.1249991

timew1w3w4 invmillsCES	0 (omitted)	.0222159	.0315722	0.70	0.482	-.0396665	.0840983
c.timew1w3w4#c.invmillsCES		-.000215	.0047773	-0.05	0.964	-.0095803	.0091502
timew1w3w4 1.w1smoke	0 (omitted)	.7625822	.3246343	2.35	0.020	.1211479	1.404017
w1smoke#c.timew1w3w4 1		.0589637	.046412	1.27	0.204	-.0321302	.1500575
timew1w3w4 1.w1currrdrugs	0 (omitted)	.540474	.4021752	1.34	0.181	-.2530764	1.334025
w1currrdrugs#c.timew1w3w4 1		-.0196892	.0616218	-0.32	0.750	-.1418663	.1024879
timew1w3w4 w1hei2010_total_scorecent43	0 (omitted)	-.0301056	.0134057	-2.25	0.029	-.0569768	-.0032344
c.timew1w3w4#c.w1hei2010_total_scorecent43		.0013375	.0019706	0.68	0.499	-.0025624	.0052374
timew1w3w4 w1BMlcent30	0 (omitted)	.0106463	.0203487	0.52	0.601	-.0292457	.0505384
c.timew1w3w4#c.w1BMlcent30		.0023836	.0029529	0.81	0.420	-.0034047	.008172
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)	.225862	.1396512	1.62	0.106	-.0478523	.4995763
c.timew1w3w4#c.zw1w3w4HCysTRAJ		-.0047081	.0204432	-0.23	0.818	-.0447763	.0353601
_cons		4.741565	.7296388	6.50	0.000	3.311454	6.171676

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.033504	.	.
sd(_cons)	2.001705	.	.
corr(timew1w3w4,_cons)	1	.	.
sd(Residual)	2.798434	.	.

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342 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currrdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMlcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==1 || HNDID: timew1w3w4

Multiple-imputation estimates Imputations = 5
Mixed-effects ML regression Number of obs = 1,680

Group variable: HNDID

Number of groups = 608

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = 0.0676

Largest FMI = 0.3426

DF adjustment: Large sample

DF: min = 41.24

avg = 203,652.00

max = 3012609.30

Model F test: Equal FMI

F(25,18080.9) = 3.65

Prob > F = 0.0000

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1461052	.0815988	-1.79	0.073	-.3060473	.0138369
w1Agecent48	.0085381	.0088677	0.96	0.336	-.0088429	.025919
c.timew1w3w4#c.w1Agecent48	-.0017065	.0015304	-1.12	0.265	-.0047062	.0012932
timew1w3w4	0	(omitted)				
Sex						
Men	.1182595	.1677998	0.70	0.481	-.2106646	.4471836
Sex#c.timew1w3w4						
Men	.0325607	.0287881	1.13	0.258	-.0238636	.0889849
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.0070084	.1701624	-0.04	0.967	-.3405422	.3265254
Race#c.timew1w3w4						
AfrAm	-.0310267	.0296308	-1.05	0.295	-.0891028	.0270494
timew1w3w4	0	(omitted)				
PovStat						
Below	.0494982	.1848012	0.27	0.789	-.3127304	.4117269
PovStat#c.timew1w3w4						
Below	-.0711614	.0311397	-2.29	0.022	-.1321944	-.0101285
timew1w3w4	0	(omitted)				
w1edubr						
2	.5780517	.439178	1.32	0.188	-.2829887	1.439092
3	.6219843	.4383856	1.42	0.156	-.2373255	1.481294
w1edubr#c.timew1w3w4						
2	.0758415	.080652	0.94	0.347	-.0822401	.2339231
3	.1274797	.0807823	1.58	0.115	-.0308597	.2858191
timew1w3w4	0	(omitted)				
inv mills CES	.0029034	.0188887	0.15	0.878	-.0341182	.0399251
c.timew1w3w4#c.inv mills CES	.0002265	.0032876	0.07	0.945	-.0062172	.0066702
timew1w3w4	0	(omitted)				
1.w1smoke	-.1675692	.1869788	-0.90	0.370	-.5345984	.19946

w1smoke#c.timew1w3w4 1	-.0249543	.0351317	-0.71	0.479	-.0945705	.044662
timew1w3w4 1.w1currdrugs	0 (omitted)					
	-.5335056	.2719636	-1.96	0.057	-1.082651	.01564
w1currdrugs#c.timew1w3w4 1	.0389682	.0429846	0.91	0.366	-.0460338	.1239703
timew1w3w4 w1hei2010_total_scorecent43	0 (omitted)					
	.0123737	.0074807	1.65	0.099	-.002354	.0271013
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0000791	.0013028	-0.06	0.952	-.0026356	.0024774
timew1w3w4 w1BMICent30	0 (omitted)					
	.013459	.0121047	1.11	0.266	-.0102668	.0371847
c.timew1w3w4#c.w1BMICent30	-.0013269	.0020862	-0.64	0.525	-.0054162	.0027623
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)					
	-.0021714	.083592	-0.03	0.979	-.1660087	.1616659
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0139018	.0145083	0.96	0.338	-.014534	.0423375
_cons	10.1766	.441441	23.05	0.000	9.311257	11.04194

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	.1475104	.016633	.1182609	.1839941
sd(_cons)	1.11666	.0757347	.9776656	1.275416
sd(Residual)	1.73947	.0430006	1.657192	1.825833

```

343 .
344 .
345 . *****ANXIOUS*****
346 .
347 .
348 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
349 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs      =     1,574

Group variable: HNDID
Number of groups =      570
Obs per group:
    min =      1
    avg =      2.8
    max =      3
Average RVI      =     0.0000
Largest FMI      =     0.0000
DF adjustment:   Large sample
DF:      min      =     5.27e+62
          avg      =     5.32e+63
          max      =      .
Model F test:      Equal FMI
F( 13, 3.0e+66) =      5.19
Prob > F      =     0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.3304269	.1112931	-2.97	0.003	-.5485574	-.1122965
w1Agecent48	.0094309	.0508963	0.19	0.853	-.0903241	.1091859
c.timew1w3w4#c.w1Agecent48	-.0100245	.0068461	-1.46	0.143	-.0234426	.0033937
timew1w3w4	0	(omitted)				
Sex						
Men	-2.257192	.9609166	-2.35	0.019	-4.140554	-.3738296
Sex#c.timew1w3w4						
Men	.0455737	.1257318	0.36	0.717	-.2008561	.2920034
timew1w3w4	0	(omitted)				
Race						
AfrAm	-1.316169	.9156682	-1.44	0.151	-3.110845	.4785081
Race#c.timew1w3w4						
AfrAm	.0966396	.1204792	0.80	0.422	-.1394952	.3327744
timew1w3w4	0	(omitted)				
PovStat						
Below	4.774818	.9249813	5.16	0.000	2.961888	6.587748
PovStat#c.timew1w3w4						
Below	-.1002107	.1205519	-0.83	0.406	-.3364881	.1360667
timew1w3w4	0	(omitted)				
invmillscES	-.000489	.0279947	-0.02	0.986	-.0553577	.0543796
c.timew1w3w4#c.invmillscES	-.0035087	.0033691	-1.04	0.298	-.010112	.0030945
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2925378	.4506175	0.65	0.516	-.5906562	1.175732
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.016835	.0586286	-0.29	0.774	-.1317448	.0980749
_cons	19.04614	.8115601	23.47	0.000	17.45551	20.63677

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.3866239	.1781295	.1567162	.9538133
sd(_cons)	8.036664	.464751	7.175494	9.001187
corr(timew1w3w4,_cons)	-.200926	.1948941	-.5382956	.1919472
sd(Residual)	7.812671	.2338575	7.367505	8.284736

350 .

351 .

352 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,577

Group variable: HNDID              Number of groups =    570
                                   Obs per group:
                                   min =      1
                                   avg =     2.8
                                   max =      3
                                   Average RVI      =      .
                                   Largest FMI       =      .
DF adjustment: Large sample      DF: min       =    0.00
                                   avg              =      .
                                   max              =      .
Model F test: Equal FMI          F( 13, . )     =    6.72
                                   Prob > F         =    0.0000

```

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1855869	.0485383	-3.82	0.000	-.2807202	-.0904537
w1Agecent48	.0256787	.0231982	1.11	0.268	-.0197889	.0711463
c.timew1w3w4#c.w1Agecent48	-.0072418	.002988	-2.42	0.015	-.0130981	-.0013855
timew1w3w4	0 (omitted)					
Sex						
Men	-1.386833	.4375406	-3.17	0.002	-2.244397	-.5292693
Sex#c.timew1w3w4						
Men	.0567447	.0548537	1.03	0.301	-.0507667	.1642561
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.4749051	.4172917	-1.14	0.255	-1.292782	.3429716
Race#c.timew1w3w4						
AfrAm	-.0051803	.052693	-0.10	0.922	-.1084567	.0980962
timew1w3w4	0 (omitted)					
PovStat						
Below	1.972615	.4216912	4.68	0.000	1.146115	2.799115
PovStat#c.timew1w3w4						
Below	-.0253947	.0527449	-0.48	0.630	-.1287727	.0779833
timew1w3w4	0 (omitted)					
invmillsCES	-.0050788	.0127777	-0.40	0.691	-.0301227	.0199651
c.timew1w3w4#c.invmillsCES	-.0001814	.0014793	-0.12	0.902	-.0030807	.002718
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0736434	.2055089	0.36	0.720	-.3291466	.4764334
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0127809	.0257326	-0.50	0.619	-.063216	.0376541

_cons	6.521638	.3697474	17.64	0.000	5.796946	7.246329
-------	----------	----------	-------	-------	----------	----------

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]		
HNDID: Unstructured					
sd(timew1w3w4)	.0496594
sd(_cons)	3.641939
corr(timew1w3w4,_cons)	-1
sd(Residual)	3.600785

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356 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4

Multiple-imputation estimates Imputations = 5

Mixed-effects ML regression Number of obs = 1,577

Group variable: HNDID Number of groups = 570

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = 0.0000

Largest FMI = 0.0000

DF adjustment: Large sample

DF: min = 1.19e+60

avg = 3.11e+62

max = .

Model F test: Equal FMI

F(13, 4.6e+65) = 3.29

Prob > F = 0.0000

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0002078	.015231	-0.01	0.989	-.0300599	.0296443
w1Agecent48	-.0036614	.0063192	-0.58	0.562	-.0160468	.0087241
c.timew1w3w4#c.w1Agecent48	-.0017436	.0009376	-1.86	0.063	-.0035811	.000094
timew1w3w4	0 (omitted)					
Sex						
Men	.1618753	.1191519	1.36	0.174	-.0716582	.3954087
Sex#c.timew1w3w4						
Men	-.0187216	.0172118	-1.09	0.277	-.0524561	.0150129
timew1w3w4	0 (omitted)					
Race						
AfrAm	.2198557	.1136843	1.93	0.053	-.0029614	.4426729
Race#c.timew1w3w4						
AfrAm	-.0093042	.0165345	-0.56	0.574	-.0417111	.0231027
timew1w3w4	0 (omitted)					

PovStat Below	.3739454	.1149042	3.25	0.001	.1487373	.5991534
PovStat#c.timew1w3w4 Below	-.0101261	.0165508	-0.61	0.541	-.042565	.0223128
timew1w3w4 invmillsCES	0 (omitted)	.0026977	.0034958	0.77	0.440	-.0041538
c.timew1w3w4#c.invmillsCES	-.0004116	.0004641	-0.89	0.375	-.0013213	.0004981
timew1w3w4 zw1w3w4HCysTRAJ	0 (omitted)	.0956616	.0560435	1.71	0.088	-.0141817
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0226056	.0080741	-2.80	0.005	-.0384305	-.0067806
_cons	.9074784	.1004901	9.03	0.000	.7105214	1.104435

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	2.74e-08	.0000152	0	.
sd(_cons)	.8448149	.0433192	.7640379	.9341319
sd(Residual)	1.133586	.0252358	1.085188	1.184142

357 .
358 .
359 .

360 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,577
Group variable: HNDID	Number of groups	=	570
	Obs per group:		
	min =		1
	avg =		2.8
	max =		3
	Average RVI	=	0.0000
	Largest FMI	=	0.0000
DF adjustment: Large sample	<u>DF</u> : min	=	5.33e+63
	avg	=	5.33e+63
	max	=	.
Model F test: Equal FMI	F(13, 1.4e+66)	=	6.56
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.1342508	.0470825	-2.85	0.004	-.2265308	-.0419708
w1Agecent48	-.0160127	.0190715	-0.84	0.401	-.0533922	.0213667
c.timew1w3w4#c.w1Agecent48	-.0012164	.0029034	-0.42	0.675	-.0069071	.0044742
timew1w3w4	0	(omitted)				
Sex						
Men	-1.010017	.3597059	-2.81	0.005	-1.715027	-.305006
Sex#c.timew1w3w4						
Men	.0101113	.0534936	0.19	0.850	-.0947342	.1149569
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.0693168	.3430667	-0.20	0.840	-.7417151	.6030816
Race#c.timew1w3w4						
AfrAm	.0159491	.0512246	0.31	0.756	-.0844492	.1163474
timew1w3w4	0	(omitted)				
PovStat						
Below	1.80905	.3467127	5.22	0.000	1.129505	2.488594
PovStat#c.timew1w3w4						
Below	-.05729	.0513371	-1.12	0.264	-.1579089	.0433289
timew1w3w4	0	(omitted)				
invmillscES	-.004338	.0105121	-0.41	0.680	-.0249413	.0162652
c.timew1w3w4#c.invmillscES	-.0014631	.0014412	-1.02	0.310	-.0042878	.0013617
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.1567885	.1689697	0.93	0.353	-.1743859	.487963
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0001868	.0249551	0.01	0.994	-.0487242	.0490978
_cons	8.215622	.303673	27.05	0.000	7.620434	8.81081

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2375994	.0519134	.1548336	.3646073
sd(_cons)	2.808089	.1926566	2.454776	3.212253
corr(timew1w3w4,_cons)	-.3305072	.1339195	-.563579	-.0486938
sd(Residual)	3.157913	.095015	2.977071	3.349739

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 362 .
 363 .

364 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

```

Multiple-imputation estimates      Imputations      =          5
Mixed-effects ML regression      Number of obs    =       1,577

Group variable: HNDID
                                Number of groups   =        570
                                Obs per group:
                                    min =           1
                                    avg =          2.8
                                    max =           3
                                Average RVI        =       0.0000
                                Largest FMI        =       0.0000
DF adjustment:  Large sample    DF:  min      =       7.91e+57
                                    avg      =       2.26e+69
                                    max      =           .
Model F test:      Equal FMI    F( 13, 1.8e+70) =        3.00
                                Prob > F        =       0.0002

```

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0124862	.0308567	0.40	0.686	-.0479918	.0729642
w1Agecent48	-.0021173	.0122568	-0.17	0.863	-.0261401	.0219056
c.timew1w3w4#c.w1Agecent48	-.0002181	.0018991	-0.11	0.909	-.0039403	.0035041
timew1w3w4	0 (omitted)					
Sex						
Men	.0076397	.2310889	0.03	0.974	-.4452863	.4605657
Sex#c.timew1w3w4						
Men	.0080734	.0348516	0.23	0.817	-.0602345	.0763813
timew1w3w4	0 (omitted)					
Race						
AfrAm	1.003275	.2204859	4.55	0.000	.5711304	1.435419
Race#c.timew1w3w4						
AfrAm	-.1012091	.0334417	-3.03	0.002	-.1667536	-.0356645
timew1w3w4	0 (omitted)					
PovStat						
Below	-.6169146	.222845	-2.77	0.006	-1.053683	-.1801464
PovStat#c.timew1w3w4						
Below	.0032263	.0334694	0.10	0.923	-.0623724	.0688251
timew1w3w4	0 (omitted)					
invmillscES	-.0066705	.006781	-0.98	0.325	-.0199611	.00662
c.timew1w3w4#c.invmillscES	.0015305	.0009345	1.64	0.101	-.0003011	.003362
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0395765	.1086994	0.36	0.716	-.1734704	.2526234

c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0204925	.0163043	-1.26	0.209	-.0524482	.0114633
_cons	8.607315	.194883	44.17	0.000	8.225351	8.989278

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0537518	.0923355	.0018543	1.558105
sd(_cons)	1.577008	.1428014	1.320553	1.883267
corr(timew1w3w4,_cons)	.9703539	2.206597	-1	1
sd(Residual)	2.246612	.0644121	2.123848	2.376472

```

365 .
366 .
367 . save, replace
    file finaldata_imputed_FINAL.dta saved

368 .
369 .
370 .
371 .
372 . //MODEL 2: FULL MODEL///
373 .
374 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression       Number of obs    =    1,574

Group variable: HNDID              Number of groups =     570
                                   Obs per group:
                                   min =      1
                                   avg =     2.8
                                   max =      3
                                   Average RVI      =     0.0470
                                   Largest FMI       =     0.2594
                                   DF: min           =     70.25
                                   avg              =   1363848.24
                                   max              =    2.10e+07
                                   F( 25,33869.6)     =      3.60
                                   Prob > F          =     0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.2286983	.2689353	-0.85	0.395	-.7559513	.2985547
w1Agecent48	.0268814	.0515048	0.52	0.602	-.0740663	.1278291
c.timew1w3w4#c.w1Agecent48	-.011215	.0070473	-1.59	0.112	-.0250274	.0025975
timew1w3w4	0 (omitted)					
Sex						
Men	-2.584838	.9676397	-2.67	0.008	-4.481426	-.6882503
Sex#c.timew1w3w4						

Men	.0494248	.1281213	0.39	0.700	-.2016939	.3005434
timew1w3w4	0	(omitted)				
Race						
AfrAm	-1.604527	.9144799	-1.75	0.079	-3.396897	.1878426
Race#c.timew1w3w4						
AfrAm	.0914671	.1230013	0.74	0.457	-.1496144	.3325487
timew1w3w4	0	(omitted)				
PovStat						
Below	3.821533	.9652312	3.96	0.000	1.929679	5.713386
PovStat#c.timew1w3w4						
Below	-.0896786	.1300575	-0.69	0.490	-.344604	.1652469
timew1w3w4	0	(omitted)				
wledubr						
2	-.3617454	1.819324	-0.20	0.842	-3.927719	3.204229
3	-2.032241	1.977261	-1.03	0.304	-5.907791	1.84331
wledubr#c.timew1w3w4						
2	-.0032565	.2429942	-0.01	0.989	-.4795225	.4730096
3	-.0445198	.269619	-0.17	0.869	-.5730763	.4840366
timew1w3w4	0	(omitted)				
inv millsCES	.0014812	.0277106	0.05	0.957	-.0528305	.0557929
c.timew1w3w4#c.inv millsCES	-.0032099	.00339	-0.95	0.344	-.0098541	.0034342
timew1w3w4	0	(omitted)				
1.w1smoke	1.169246	1.089778	1.07	0.285	-.984267	3.322759
w1smoke#c.timew1w3w4						
1	-.1518996	.1560808	-0.97	0.332	-.4602539	.1564548
timew1w3w4	0	(omitted)				
1.w1currdrugs	2.083307	1.26073	1.65	0.101	-.4105808	4.577195
w1currdrugs#c.timew1w3w4						
1	-.0601164	.1745493	-0.34	0.731	-.4047889	.284556
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.061975	.0447368	-1.39	0.170	-.1511942	.0272443
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0040867	.0062894	-0.65	0.517	-.0165173	.0083439
timew1w3w4	0	(omitted)				
w1BM Icent30	.0613947	.0619228	0.99	0.321	-.0599893	.1827788
c.timew1w3w4#c.w1BM Icent30	-.0034156	.0085568	-0.40	0.690	-.020191	.0133598
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2850701	.4456808	0.64	0.522	-.5884497	1.15859
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0213191	.0589779	-0.36	0.718	-.1369137	.0942755
_cons	19.55335	1.963088	9.96	0.000	15.70515	23.40155

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.3972158	.1750028	.1674957	.9419965
sd(_cons)	7.833188	.4661434	6.970831	8.802227
corr(timew1w3w4,_cons)	-.2186112	.1912398	-.5482208	.1697797
sd(Residual)	7.798205	.2342573	7.352316	8.271135

375 .

376 .

377 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSta

> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///

> c.timew1w3w4##c.w1BMICent30 ///

> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///

> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4

Multiple-imputation estimates

Imputations = 5

Mixed-effects ML regression

Number of obs = 1,577

Group variable: HNDID

Number of groups = 570

Obs per group:

min = 1

avg = 2.8

max = 3

Average RVI = .

Largest FMI = .

DF adjustment: Large sample

DF: min = 0.00

avg = .

max = .

Model F test: Equal FMI

F(25,33001.7) = 4.09

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0845115	.116885	-0.72	0.470	-.3136223	.1445994
w1Agecent48	.0355777	.0229023	1.55	0.120	-.00931	.0804654
c.timew1w3w4#c.w1Agecent48	-.0081668	.0030793	-2.65	0.008	-.0142022	-.0021315
timew1w3w4	0 (omitted)					
Sex						
Men	-1.536864	.429512	-3.58	0.000	-2.378709	-.6950191
Sex#c.timew1w3w4						
Men	.0637393	.0558827	1.14	0.254	-.0457904	.173269
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.6179324	.4063459	-1.52	0.128	-1.414362	.1784972
Race#c.timew1w3w4						
AfrAm	-.0044256	.0538966	-0.08	0.935	-.1100625	.1012113
timew1w3w4	0 (omitted)					
PovStat						
Below	1.628991	.4285415	3.80	0.000	.7890606	2.468921

PovStat#c.timew1w3w4						
Below	-.0223089	.0567631	-0.39	0.694	-.1335642	.0889465
timew1w3w4	0	(omitted)				
wledubr						
2	.197929	.8091089	0.24	0.807	-1.387955	1.783813
3	-.3574379	.8833111	-0.40	0.686	-2.08892	1.374044
wledubr#c.timew1w3w4						
2	-.054004	.1060315	-0.51	0.611	-.2618227	.1538147
3	-.075004	.1180967	-0.64	0.525	-.306532	.1565241
timew1w3w4	0	(omitted)				
inv mills CES	-.0048015	.0123436	-0.39	0.697	-.0289945	.0193916
c.timew1w3w4#c.inv mills CES	-.0000179	.0014843	-0.01	0.990	-.002927	.0028913
timew1w3w4	0	(omitted)				
1.w1smoke	.5212071	.4657511	1.12	0.264	-.39409	1.436504
w1smoke#c.timew1w3w4						
1	-.076452	.0654191	-1.17	0.243	-.2049257	.0520218
timew1w3w4	0	(omitted)				
1.w1curdrugs	1.069261	.5459412	1.96	0.051	-.0061781	2.1447
w1curdrugs#c.timew1w3w4						
1	-.0476851	.074235	-0.64	0.521	-.1936587	.0982884
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0197652	.021142	-0.93	0.356	-.0625575	.023027
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0014753	.002876	-0.51	0.610	-.0072119	.0042612
timew1w3w4	0	(omitted)				
w1BM Icent30	.0226348	.0274643	0.82	0.410	-.0311985	.0764681
c.timew1w3w4#c.w1BM Icent30	-.0009541	.0037217	-0.26	0.798	-.0082489	.0063406
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.073134	.1984564	0.37	0.712	-.3158354	.4621033
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0148237	.0258881	-0.57	0.567	-.0655634	.035916
_cons	6.308142	.871499	7.24	0.000	4.599855	8.016428

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	1.87e-06	.	.	.
sd(_cons)	3.376668	.146331	3.101707	3.676004
sd(Residual)	3.599578	.0806601	3.444907	3.761194

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381 . mi estimate: mixed CES_IP c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1curdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4

Multiple-imputation estimates	Imputations	=	5
Mixed-effects ML regression	Number of obs	=	1,577
Group variable: HNDID	Number of groups	=	570
	Obs per group:		
	min	=	1
	avg	=	2.8
	max	=	3
	Average RVI	=	0.0383
	Largest FMI	=	0.2275
DF adjustment: Large sample	DF: min	=	90.20
	avg	=	2.92e+09
	max	=	8.43e+10
Model F test: Equal FMI	F(25,51299.3)	=	2.03
	Prob > F	=	0.0017

CES_IP	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0167772	.0364806	0.46	0.646	-.0547277	.0882821
w1Agecent48	-.001837	.0064743	-0.28	0.777	-.0145265	.0108525
c.timew1w3w4#c.w1Agecent48	-.0019125	.000963	-1.99	0.047	-.0038	-.0000251
timew1w3w4	0 (omitted)					
Sex						
Men	.1203367	.1207967	1.00	0.319	-.116421	.3570943
Sex#c.timew1w3w4						
Men	-.0173018	.0174449	-0.99	0.321	-.0514932	.0168895
timew1w3w4	0 (omitted)					
Race						
AfrAm	.1909641	.114703	1.66	0.096	-.033852	.4157803
Race#c.timew1w3w4						
AfrAm	-.0076745	.0168251	-0.46	0.648	-.0406512	.0253022
timew1w3w4	0 (omitted)					
PovStat						
Below	.303207	.1215285	2.49	0.013	.0650023	.5414118
PovStat#c.timew1w3w4						
Below	-.0091317	.0177588	-0.51	0.607	-.0439388	.0256754
timew1w3w4	0 (omitted)					
w1edubr						
2	.0537626	.232304	0.23	0.817	-.4017281	.5092534
3	-.1207437	.249215	-0.48	0.628	-.6092124	.367725

wledubr#c.timew1w3w4							
2	-.0216148	.0333026	-0.65	0.516	-.0868898	.0436602	
3	-.0127735	.03655	-0.35	0.727	-.0844124	.0588654	
timew1w3w4	0	(omitted)					
inv millsCES	.0028625	.0034934	0.82	0.413	-.0039845	.0097095	
c.timew1w3w4#c.inv millsCES	-.0004111	.0004661	-0.88	0.378	-.0013246	.0005024	
timew1w3w4	0	(omitted)					
1.w1smoke	.0206959	.1409785	0.15	0.884	-.2583133	.2997051	
w1smoke#c.timew1w3w4							
1	.0006629	.0201781	0.03	0.974	-.0389258	.0402516	
timew1w3w4	0	(omitted)					
1.w1currrdrugs	.1801501	.1652574	1.09	0.279	-.1481526	.5084528	
w1currrdrugs#c.timew1w3w4							
1	-.0088563	.0224913	-0.39	0.694	-.0529686	.035256	
timew1w3w4	0	(omitted)					
w1hei2010_total_scorecent43	-.0070279	.0055281	-1.27	0.205	-.017933	.0038771	
c.timew1w3w4#c.w1hei2010_total_scorecent43	.000188	.0008495	0.22	0.825	-.0014885	.0018646	
timew1w3w4	0	(omitted)					
w1BM Icent30	-.0014366	.0077719	-0.18	0.853	-.0166707	.0137975	
c.timew1w3w4#c.w1BM Icent30	.0001697	.0011578	0.15	0.883	-.0020996	.002439	
timew1w3w4	0	(omitted)					
zw1w3w4HCysTRAJ	.0931219	.0559345	1.66	0.096	-.0165077	.2027516	
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0224495	.008106	-2.77	0.006	-.038337	-.0065621	
_cons	.9225289	.2481414	3.72	0.000	.4360679	1.40899	

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	8.12e-08	.0000405	0	.
sd(_cons)	.8354055	.0434061	.7545195	.9249626
sd(Residual)	1.132261	.0252536	1.083831	1.182855

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385 . mi estimate: mixed CES_SC c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMICent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,577

Group variable: HNDID
Number of groups =      570
Obs per group:
    min =      1
    avg =      2.8
    max =      3
Average RVI      =    0.0443
Largest FMI      =    0.1991
DF: min          =    116.35
    avg          =  1214211.04
    max          =    2.43e+07
Model F test:      Equal FMI      F( 25,38158.5) =    4.91
                                Prob > F      =    0.0000

```

CES_SC	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.191878	.1147392	-1.67	0.095	-.4168734	.0331175
w1Agecent48	-.0112028	.0192295	-0.58	0.560	-.0488919	.0264863
c.timew1w3w4#c.w1Agecent48	-.0010383	.0029843	-0.35	0.728	-.0068873	.0048108
timew1w3w4	0 (omitted)					
Sex						
Men	-1.153667	.3603759	-3.20	0.001	-1.86	-.4473344
Sex#c.timew1w3w4						
Men	.0095015	.0544088	0.17	0.861	-.0971405	.1161435
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.1731975	.3415082	-0.51	0.612	-.8425514	.4961564
Race#c.timew1w3w4						
AfrAm	.0103901	.0521936	0.20	0.842	-.09191	.1126901
timew1w3w4	0 (omitted)					
PovStat						
Below	1.356853	.3603622	3.77	0.000	.6505478	2.063159
PovStat#c.timew1w3w4						
Below	-.0439053	.0551314	-0.80	0.426	-.1519662	.0641557
timew1w3w4	0 (omitted)					
w1edubr						
2	-.6777313	.6821894	-0.99	0.320	-2.014842	.6593794
3	-1.46372	.7426724	-1.97	0.049	-2.919409	-.0080318
w1edubr#c.timew1w3w4						
2	.0773359	.1040517	0.74	0.457	-.1266239	.2812958

3	.1072105	.1142452	0.94	0.348	-.1167344	.3311555
timew1w3w4	0 (omitted)					
inv millsCES	-.0036415	.0103662	-0.35	0.725	-.0239588	.0166758
c.timew1w3w4#c.inv millsCES	-.0013287	.0014471	-0.92	0.359	-.0041649	.0015076
timew1w3w4	0 (omitted)					
1.w1smoke	.5120299	.4202532	1.22	0.225	-.3199216	1.343981
w1smoke#c.timew1w3w4						
1	-.0529335	.0642646	-0.82	0.411	-.1794369	.0735698
timew1w3w4	0 (omitted)					
1.w1curdrugs	.7690336	.4829771	1.59	0.114	-.1869888	1.725056
w1curdrugs#c.timew1w3w4						
1	.0045963	.0751877	0.06	0.951	-.1443176	.1535102
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	-.0254941	.0162305	-1.57	0.117	-.0574477	.0064594
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0032648	.002554	-1.28	0.202	-.0082855	.001756
timew1w3w4	0 (omitted)					
w1BM Icent30	.0183931	.02321	0.79	0.428	-.0271064	.0638925
c.timew1w3w4#c.w1BM Icent30	.0001804	.0036528	0.05	0.961	-.0069835	.0073442
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.1544818	.1664875	0.93	0.353	-.1718285	.480792
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0024561	.0250497	-0.10	0.922	-.0515527	.0466404
_cons	8.967511	.7382944	12.15	0.000	7.520154	10.41487

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.2368633	.052483	.1534211	.3656879
sd(_cons)	2.698811	.1950358	2.342383	3.109475
corr(timew1w3w4,_cons)	-.364332	.1333781	-.5936631	-.0802668
sd(Residual)	3.157201	.0951125	2.976178	3.349234

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389 . mi estimate: mixed CES_WB c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##w1smoke c.timew1w3w4##w1currdrugs c.timew1w3w4##c.w1hei2010_total_scorecent43 ///
> c.timew1w3w4##c.w1BMIcent30 ///
> c.timew1w3w4##c.zw1w3w4HCysTRAJ ///
> if sample4obs==1 & w1ANXIETYbr==2 || HNDID: timew1w3w4

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    1,577

Group variable: HNDID
Number of groups =      570
Obs per group:
    min =      1
    avg =      2.8
    max =      3
Average RVI      =    0.0646
Largest FMI      =    0.3774
DF: min         =    34.20
    avg         = 2086808.74
    max         =    4.41e+07
Model F test:      Equal FMI      F( 25,19183.0) =    1.91
Prob > F          =    0.0039

```

CES_WB	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	-.0371318	.0764098	-0.49	0.627	-.1869346	.1126711
w1Agecent48	-.0041663	.0128376	-0.32	0.746	-.0293278	.0209952
c.timew1w3w4#c.w1Agecent48	.0000989	.0019969	0.05	0.961	-.0038151	.0040128
timew1w3w4	0 (omitted)					
Sex						
Men	.0168038	.2401769	0.07	0.944	-.4539409	.4875486
Sex#c.timew1w3w4						
Men	.0090717	.0362437	0.25	0.802	-.0619649	.0801082
timew1w3w4	0 (omitted)					
Race						
AfrAm	1.013061	.2271506	4.46	0.000	.5678526	1.458269
Race#c.timew1w3w4						
AfrAm	-.0945647	.034855	-2.71	0.007	-.1628798	-.0262496
timew1w3w4	0 (omitted)					
PovStat						
Below	-.5348701	.2402899	-2.23	0.026	-1.005837	-.0639027
PovStat#c.timew1w3w4						
Below	.0170032	.036961	0.46	0.646	-.0554454	.0894518
timew1w3w4	0 (omitted)					
w1edubr						
2	-.1153063	.4533664	-0.25	0.799	-1.003895	.773282
3	.0021509	.4936261	0.00	0.997	-.9653573	.9696591
w1edubr#c.timew1w3w4						
2	.0031196	.0692285	0.05	0.964	-.1325698	.1388091
3	.076715	.0765157	1.00	0.316	-.0732775	.2267076

timew1w3w4	0 (omitted)					
inv millsCES	-.0075733	.0069171	-1.09	0.274	-.0211306	.005984
c.timew1w3w4#c.inv millsCES	.0015038	.0009635	1.56	0.119	-.0003846	.0033922
timew1w3w4	0 (omitted)					
1.w1smoke	-.1059488	.2817249	-0.38	0.708	-.6644181	.4525204
w1smoke#c.timew1w3w4						
1	.0181164	.0450943	0.40	0.689	-.0713183	.1075512
timew1w3w4	0 (omitted)					
1.w1currdrugs	-.1124845	.3077489	-0.37	0.715	-.7177362	.4927671
w1currdrugs#c.timew1w3w4						
1	.0116647	.0523098	0.22	0.824	-.0927809	.1161103
timew1w3w4	0 (omitted)					
w1hei2010_total_scorecent43	.0157811	.0124628	1.27	0.214	-.0095408	.041103
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0009063	.0018369	-0.49	0.623	-.0045612	.0027485
timew1w3w4	0 (omitted)					
w1BM Icent30	-.0225096	.0154157	-1.46	0.144	-.0527269	.0077078
c.timew1w3w4#c.w1BM Icent30	.0027344	.0024478	1.12	0.264	-.0020663	.0075351
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.0436911	.1109162	0.39	0.694	-.1737008	.261083
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0200663	.0167658	-1.20	0.231	-.0529267	.0127941
_cons	8.725629	.4894202	17.83	0.000	7.7663	9.684958

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Independent				
sd(timew1w3w4)	.1216658	.0293206	.0758638	.1951204
sd(_cons)	1.705178	.0915861	1.534797	1.894473
sd(Residual)	2.195134	.0557891	2.088468	2.307248

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 392 . *****INTERACTION BY ANXIETY STATUS*****
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395 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
396 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4##c.zw1w3w4HCysTRAJ##w1ANXIETYbr ///
> if sample4obs==1 || HNDID: timew1w3w4, cov(un)

```

```

Multiple-imputation estimates      Imputations      =      5
Mixed-effects ML regression      Number of obs    =    3,248

Group variable: HNDID
                                Number of groups =    1,178
                                Obs per group:
                                    min =      1
                                    avg =     2.8
                                    max =      3
                                Average RVI      =      .
                                Largest FMI       =      .
DF adjustment: Large sample      DF: min      =    0.00
                                    avg          =      .
                                    max          =      .
Model F test: Equal FMI          F( 17, 2.2e+66) =    31.16
                                    Prob > F     =    0.0000

```

CES	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
timew1w3w4	.0940673	.0778309	1.21	0.227	-.0584785	.2466131
w1Agecent48	-.0109492	.0295676	-0.37	0.711	-.0689006	.0470023
c.timew1w3w4#c.w1Agecent48	-.0038447	.0039598	-0.97	0.332	-.0116057	.0039163
timew1w3w4	0 (omitted)					
Sex						
Men	-1.006204	.549767	-1.83	0.067	-2.083728	.0713193
Sex#c.timew1w3w4						
Men	-.0303584	.0726366	-0.42	0.676	-.1727235	.1120067
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.3091746	.5502796	-0.56	0.574	-1.387703	.7693535
Race#c.timew1w3w4						
AfrAm	.064684	.0734413	0.88	0.378	-.0792583	.2086263
timew1w3w4	0 (omitted)					
PovStat						
Below	3.1572	.5689376	5.55	0.000	2.042103	4.272297
PovStat#c.timew1w3w4						
Below	.0215104	.0744888	0.29	0.773	-.1244849	.1675057
timew1w3w4	0 (omitted)					
inv millsCES	.0002778	.0228781	0.01	0.990	-.0445625	.0451181
c.timew1w3w4#c.inv millsCES	-.0030236	.0028115	-1.08	0.282	-.0085341	.0024868
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.4846611	.3856908	1.26	0.209	-.2712789	1.240601
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0061761	.0507441	-0.12	0.903	-.1056327	.0932805

2.w1ANXIETYbr	10.48458	.5573121	18.81	0.000	9.392269	11.57689
w1ANXIETYbr#c.timew1w3w4 2	-.4251659	.0742041	-5.73	0.000	-.5706033	-.2797285
w1ANXIETYbr#c.zw1w3w4HCysTRAJ 2	-.1896255	.5375076	-0.35	0.724	-1.243121	.8638701
w1ANXIETYbr#c.timew1w3w4#c.zw1w3w4HCysTRAJ 2	-.0118323	.0712181	-0.17	0.868	-.1514173	.1277526
_cons	8.31774	.5807453	14.32	0.000	7.1795	9.45598

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]		
HNDID: Unstructured					
sd(timew1w3w4)	.0884134	.	.	.	.
sd(_cons)	6.434727	.	.	.	.
corr(timew1w3w4,_cons)	.9999992	.	.	.	.
sd(Residual)	7.05301	.	.	.	.

397 .

398 .

399 . mi estimate: mixed CES_DA c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovSt

> c.timew1w3w4##c.zw1w3w4HCysTRAJ##w1ANXIETYbr ///

> if sample4obs==1 || HNDID: timew1w3w4, cov(un)