



name: <unnamed>
 log: E:\16GBBACKUPUSB\BACKUP_USB_SEPTEMBER2014\May Baydoun_folder\HANDLS_PAPER64_HCYDEPANXIETY_LONG\OUTPU
 log type: smcl
 opened on: 21 Jun 2024, 09:36:22

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1 .
2 .
3 . ///////////////TABLE 3: TRAJECTORY OF HCys LOAD VS. DEPRESSIVE SYMPTOMS////////////////////
>
4 .
5 . //MODEL 1: INCLUDE ONLY AGE, SEX, RACE AND POVERTY STATUS///
6 . mi estimate: mixed CES c.timew1w3w4##c.w1Agecent48 c.timew1w3w4##Sex c.timew1w3w4##Race c.timew1w3w4##PovStat
> c.timew1w3w4#c.zw1w3w4HCysTRAJ ///
> 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	=	1.30e+58
	avg	=	4.27e+65
	max	=	.
Model F test: Equal FMI	F(13, 5.6e+66)	=	10.41
	Prob > F	=	0.0000

	CES	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4		-.1987013	.063361	-3.14	0.002	-.3228866	-.074516
w1Agecent48		-.096543	.0304207	-3.17	0.002	-.1561665	-.0369194
c.timew1w3w4#c.w1Agecent48		.0007182	.0036224	0.20	0.843	-.0063815	.0078179
timew1w3w4		0 (omitted)					
Sex							
Men		-2.448437	.567356	-4.32	0.000	-3.560434	-1.33644
Sex#c.timew1w3w4							
Men		.0609726	.0667872	0.91	0.361	-.0699279	.1918731
timew1w3w4		0 (omitted)					
Race							
AfrAm		-1.61421	.5656631	-2.85	0.004	-2.72289	-.5055311
Race#c.timew1w3w4							
AfrAm		.0930902	.067441	1.38	0.167	-.0390917	.2252721
timew1w3w4		0 (omitted)					
PovStat							
Below		4.203382	.585229	7.18	0.000	3.056354	5.35041
PovStat#c.timew1w3w4							
Below		-.0062675	.0679999	-0.09	0.927	-.1395448	.1270099

timew1w3w4	0 (omitted)					
inv millsCES	-.0072488	.0251958	-0.29	0.774	-.0566316	.042134
c.timew1w3w4#c.inv millsCES	-.002018	.00278	-0.73	0.468	-.0074667	.0034306
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.7417354	.2850418	2.60	0.009	.1830637	1.300407
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0208383	.0335767	-0.62	0.535	-.0866474	.0449708
_cons	14.846	.5195202	28.58	0.000	13.82775	15.86424

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.202925	.1773356	.0365993	1.125119
sd(_cons)	8.294898	.267583	7.78668	8.836285
corr(timew1w3w4,_cons)	-.3129882	.1893987	-.6263477	.0874499
sd(Residual)	7.107705	.1363058	6.845509	7.379944

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9 . 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 || 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(13, 3.4e+65) = 11.36

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0986009	.0276487	-3.57	0.000	-.1527913	-.0444104
w1Agecent48	-.0277352	.0132972	-2.09	0.037	-.0537971	-.0016732
c.timew1w3w4#c.w1Agecent48	-.0020226	.0015808	-1.28	0.201	-.0051209	.0010756
timew1w3w4	0 (omitted)					
Sex						
Men	-1.363173	.247941	-5.50	0.000	-1.849129	-.8772179
Sex#c.timew1w3w4						
Men	.0517717	.029172	1.77	0.076	-.0054043	.1089478

timew1w3w4	0 (omitted)					
Race						
AfrAm	-.5777885	.2472224	-2.34	0.019	-1.062335	-.0932415
Race#c.timew1w3w4						
AfrAm	.0049437	.0294658	0.17	0.867	-.0528083	.0626957
timew1w3w4	0 (omitted)					
PovStat						
Below	1.67134	.2558686	6.53	0.000	1.169847	2.172834
PovStat#c.timew1w3w4						
Below	-.0180142	.0297375	-0.61	0.545	-.0762986	.0402703
timew1w3w4	0 (omitted)					
invmillscES	-.0098442	.0110295	-0.89	0.372	-.0314617	.0117733
c.timew1w3w4#c.invmillscES	.0006321	.0012213	0.52	0.605	-.0017615	.0030258
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.2578242	.1246577	2.07	0.039	.0134995	.5021489
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0100959	.0146997	-0.69	0.492	-.0389069	.018715
_cons	4.788973	.2270673	21.09	0.000	4.343929	5.234016

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0586387	.	.	.
sd(_cons)	3.594448	.	.	.
corr(timew1w3w4,_cons)	-1	.	.	.
sd(Residual)	3.162517	.	.	.

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13 . 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 || 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( 13, 7.2e+65) =    5.48
Prob > F         =    0.0000

```

CES_IP	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0084847	.0087009	-0.98	0.329	-.0255383	.0085688
w1Agecent48	-.010875	.00356	-3.05	0.002	-.0178525	-.0038976
c.timew1w3w4#c.w1Agecent48	-.0000918	.0004975	-0.18	0.854	-.0010668	.0008833
timew1w3w4	0	(omitted)				
Sex						
Men	.0839463	.0663738	1.26	0.206	-.046144	.2140366
Sex#c.timew1w3w4						
Men	-.0119618	.0091818	-1.30	0.193	-.0299577	.0060342
timew1w3w4	0	(omitted)				
Race						
AfrAm	.0091231	.066195	0.14	0.890	-.1206168	.1388629
Race#c.timew1w3w4						
AfrAm	.0034349	.0092757	0.37	0.711	-.014745	.0216149
timew1w3w4	0	(omitted)				
PovStat						
Below	.3233262	.068573	4.72	0.000	.1889256	.4577268
PovStat#c.timew1w3w4						
Below	-.0016872	.0093609	-0.18	0.857	-.0200342	.0166598
timew1w3w4	0	(omitted)				
invmillscES	.001804	.0029658	0.61	0.543	-.0040088	.0076169
c.timew1w3w4#c.invmillscES	-.0003442	.0003848	-0.89	0.371	-.0010984	.0004101
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0748742	.0334133	2.24	0.025	.0093852	.1403631
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0064811	.0046268	-1.40	0.161	-.0155494	.0025873
_cons	.7875149	.0607066	12.97	0.000	.6685322	.9064976

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0072537	.	.	.
sd(_cons)	.828383	.	.	.
corr(timew1w3w4,_cons)	-.9999803	.	.	.
sd(Residual)	1.002428	.	.	.

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17 . 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 || 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	=	1.05e+61
	avg	=	2.71e+64
	max	=	.
Model F test: Equal FMI	F(13, 2.4e+64)	=	12.04
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0978354	.0277203	-3.53	0.000	-.1521663	-.0435045
w1Agecent48	-.0372275	.011984	-3.11	0.002	-.0607158	-.0137392
c.timew1w3w4#c.w1Agecent48	.0008566	.0015853	0.54	0.589	-.0022505	.0039636
timew1w3w4	0 (omitted)					
Sex						
Men	-.918124	.2234486	-4.11	0.000	-1.356075	-.4801729
Sex#c.timew1w3w4						
Men	.0303681	.0292581	1.04	0.299	-.0269768	.087713
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.2962204	.2228204	-1.33	0.184	-.7329404	.1404996
Race#c.timew1w3w4						
AfrAm	.0105238	.0295229	0.36	0.721	-.04734	.0683877
timew1w3w4	0 (omitted)					
PovStat						
Below	1.657124	.230689	7.18	0.000	1.204982	2.109267
PovStat#c.timew1w3w4						
Below	-.0219742	.0298281	-0.74	0.461	-.0804361	.0364877
timew1w3w4	0 (omitted)					
invmlsCES	-.005061	.0099534	-0.51	0.611	-.0245692	.0144472
c.timew1w3w4#c.invmlsCES	-.0008862	.0012233	-0.72	0.469	-.0032839	.0015115
timew1w3w4	0 (omitted)					
zw1w3w4HCysTRAJ	.3111572	.1123932	2.77	0.006	.0908705	.5314439

C.timew1w3w4#c.zw1w3w4HcysTRAJ	- .0009624	.0147297	-0.07	0.948	- .029832	.0279072
_cons	6.659763	.2045581	32.56	0.000	6.258836	7.060689

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1388778	.0480266	.0705134	.2735234
sd(_cons)	3.074253	.1144985	2.857835	3.30706
corr(timew1w3w4,_cons)	-.3636889	.1062009	-.5518303	-.14032
sd(Residual)	3.056354	.0574519	2.9458	3.171058

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21 . 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 || 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	<u>DF</u> : min	=	4.05e+64
	avg	=	2.65e+65
	max	=	.
Model F test: Equal FMI	F(13, 2.1e+68)	=	9.58
	Prob > F	=	0.0000

CES_WB	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0010132	.018854	-0.05	0.957	-.0379663	.0359398
w1Agecent48	.0205447	.0070778	2.90	0.004	.0066724	.0344169
c.timew1w3w4#c.w1Agecent48	-.0018563	.0010769	-1.72	0.085	-.003967	.0002544
timew1w3w4	0 (omitted)					
Sex						
Men	.264246	.1319537	2.00	0.045	.0056214	.5228705
Sex#c.timew1w3w4						
Men	.0075684	.0198587	0.38	0.703	-.0313539	.0464907
timew1w3w4	0 (omitted)					
Race						
AfrAm	.7616989	.1316111	5.79	0.000	.5037459	1.019652
Race#c.timew1w3w4						
AfrAm	-.0773103	.0200394	-3.86	0.000	-.1165867	-.0380338

CES	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.2622099	.1568404	-1.67	0.095	-.5696185	.0451986
w1Agecent48	-.0697292	.0302306	-2.31	0.021	-.1289809	-.0104775
c.timew1w3w4#c.w1Agecent48	-.0000647	.0037078	-0.02	0.986	-.007332	.0072026
timew1w3w4	0	(omitted)				
Sex						
Men	-2.901454	.5675943	-5.11	0.000	-4.013946	-1.788962
Sex#c.timew1w3w4						
Men	.0803036	.0686225	1.17	0.242	-.0541965	.2148037
timew1w3w4	0	(omitted)				
Race						
AfrAm	-1.77264	.5576377	-3.18	0.001	-2.865622	-.6796587
Race#c.timew1w3w4						
AfrAm	.0832421	.0686043	1.21	0.225	-.0512212	.2177055
timew1w3w4	0	(omitted)				
PovStat						
Below	2.931072	.5961846	4.92	0.000	1.76248	4.099665
PovStat#c.timew1w3w4						
Below	.0093453	.0716767	0.13	0.896	-.1311416	.1498322
timew1w3w4	0	(omitted)				
w1edubr						
2	-1.282209	1.174664	-1.09	0.275	-3.585745	1.021327
3	-3.48038	1.230619	-2.83	0.005	-5.893609	-1.067152
w1edubr#c.timew1w3w4						
2	.1401172	.1477905	0.95	0.343	-.1495542	.4297885
3	.0819264	.1541201	0.53	0.595	-.2201442	.3839969
timew1w3w4	0	(omitted)				
invmlsCES	-.0067106	.0245704	-0.27	0.785	-.0548677	.0414466
c.timew1w3w4#c.invmlsCES	-.001608	.0027928	-0.58	0.565	-.0070819	.0038658
timew1w3w4	0	(omitted)				
1.w1smoke	1.886353	.6184848	3.05	0.002	.6706136	3.102093
w1smoke#c.timew1w3w4						
1	-.0405815	.0794465	-0.51	0.610	-.1964323	.1152694
timew1w3w4	0	(omitted)				
1.w1currdrugs	2.817639	.8085899	3.48	0.001	1.204122	4.431156
w1currdrugs#c.timew1w3w4						
1	-.164686	.1068271	-1.54	0.129	-.3786951	.0493231
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.057526	.0261759	-2.20	0.033	-.1101316	-.0049204

c.timew1w3w4#c.w1hei2010_total_scorecent43		-0.0004929	.0032896	-0.15	0.881	-0.0069627	.0059769
timew1w3w4	0 (omitted)						
w1BMIcent30		.0661574	.0384956	1.72	0.086	-0.0093013	.1416162
c.timew1w3w4#c.w1BMIcent30		.0012344	.0046986	0.26	0.793	-0.0079747	.0104435
timew1w3w4	0 (omitted)						
zw1w3w4HCysTRAJ		.6404627	.2783946	2.30	0.021	.0948161	1.186109
c.timew1w3w4#c.zw1w3w4HCysTRAJ		-.0218474	.033781	-0.65	0.518	-0.0880576	.0443628
_cons		16.27728	1.228955	13.24	0.000	13.86799	18.68657

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.206803	.1762366	.0389188	1.09889
sd(_cons)	7.914558	.2681045	7.406146	8.457871
corr(timew1w3w4,_cons)	-.3097376	.1868441	-.6202059	.0846264
sd(Residual)	7.111012	.1376673	6.846202	7.386064

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33 . 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 || 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(25,19362.5) = 8.36

Prob > F = 0.0000

CES_DA	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.1289293	.0683151	-1.89	0.059	-.2628262	.0049676
w1Agecent48	-.0170893	.0133248	-1.28	0.200	-.0432059	.0090272
c.timew1w3w4#c.w1Agecent48	-.0024045	.0016166	-1.49	0.137	-.005573	.0007639
timew1w3w4	0 (omitted)					
Sex						
Men	-1.531171	.2496956	-6.13	0.000	-2.02057	-1.041773

Sex#c.timew1w3w4						
Men	.0615737	.0299386	2.06	0.040	.0028944	.120253
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.656068	.2450757	-2.68	0.007	-1.13641	-.1757259
Race#c.timew1w3w4						
AfrAm	.0020349	.0299403	0.07	0.946	-.0566473	.0607171
timew1w3w4	0	(omitted)				
PovStat						
Below	1.21504	.2625307	4.63	0.000	.7004596	1.72962
PovStat#c.timew1w3w4						
Below	-.0040739	.0312936	-0.13	0.896	-.0654088	.0572611
timew1w3w4	0	(omitted)				
wledubr						
2	-.3362949	.5221185	-0.64	0.520	-1.360712	.6881221
3	-1.146539	.541905	-2.12	0.034	-2.209166	-.0839112
wledubr#c.timew1w3w4						
2	.0480947	.0644718	0.75	0.456	-.0782725	.1744619
3	.0515972	.0673438	0.77	0.444	-.0803963	.1835908
timew1w3w4	0	(omitted)				
inv millsCES	-.0098195	.0108393	-0.91	0.365	-.0310642	.0114251
c.timew1w3w4#c.inv millsCES	.00077	.0012248	0.63	0.530	-.0016306	.0031706
timew1w3w4	0	(omitted)				
1.w1smoke	.680871	.2669093	2.55	0.011	.1573216	1.20442
w1smoke#c.timew1w3w4						
1	-.0278161	.0340868	-0.82	0.414	-.0946324	.0390001
timew1w3w4	0	(omitted)				
1.w1currdrugs	1.208392	.3383522	3.57	0.000	.5404793	1.876305
w1currdrugs#c.timew1w3w4						
1	-.0506214	.0447878	-1.13	0.261	-.1395491	.0383063
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0170855	.0125782	-1.36	0.186	-.0429368	.0087658
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0001114	.0014623	-0.08	0.939	-.0029953	.0027724
timew1w3w4	0	(omitted)				
w1BM Icent30	.0262076	.0168614	1.55	0.120	-.0068405	.0592558
c.timew1w3w4#c.w1BM Icent30	.0011802	.0020544	0.57	0.566	-.0028464	.0052068
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2237597	.122728	1.82	0.068	-.0167842	.4643035
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0098634	.0147479	-0.67	0.504	-.0387688	.0190421
_cons	5.17187	.5416131	9.55	0.000	4.110067	6.233672

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0561541	.	.	.
sd(_cons)	3.473984	.	.	.
corr(timew1w3w4,_cons)	-1	.	.	.
sd(Residual)	3.16401	.	.	.

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37 . 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 || 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(25,49167.8)	=	3.96
	Prob > F	=	0.0000

CES_IP	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0137689	.0214764	-0.64	0.521	-.055862	.0283243
w1Agecent48	-.0090092	.0036092	-2.50	0.013	-.0160832	-.0019352
c.timew1w3w4#c.w1Agecent48	-.0001937	.0005088	-0.38	0.703	-.001191	.0008036
timew1w3w4	0 (omitted)					
Sex						
Men	.0545429	.0677433	0.81	0.421	-.0782337	.1873195
Sex#c.timew1w3w4						
Men	-.0100958	.0094197	-1.07	0.284	-.0285583	.0083667
timew1w3w4	0 (omitted)					
Race						
AfrAm	-.0009697	.0664714	-0.01	0.988	-.1312524	.1293129
Race#c.timew1w3w4						
AfrAm	.0032544	.0094123	0.35	0.730	-.0151934	.0217021
timew1w3w4	0 (omitted)					

PovStat Below	.2468695	.0709374	3.48	0.001	.1078339	.3859052
PovStat#c.timew1w3w4 Below	-.0000241	.0098488	-0.00	0.998	-.0193277	.0192795
timew1w3w4	0	(omitted)				
w1edubr						
2	-.0629627	.1399639	-0.45	0.653	-.3373374	.2114121
3	-.2442831	.145345	-1.68	0.093	-.529156	.0405898
w1edubr#c.timew1w3w4						
2	.0074759	.0202186	0.37	0.712	-.032152	.0471037
3	.007499	.0212555	0.35	0.724	-.0341631	.0491612
timew1w3w4	0	(omitted)				
inv mills CES	.0019898	.0029492	0.67	0.500	-.0037905	.0077701
c.timew1w3w4#c.inv mills CES	-.0003244	.0003856	-0.84	0.400	-.0010802	.0004315
timew1w3w4	0	(omitted)				
1.w1smoke	.0329931	.0755327	0.44	0.662	-.115339	.1813252
w1smoke#c.timew1w3w4						
1	.0026661	.0106501	0.25	0.802	-.0182082	.0235403
timew1w3w4	0	(omitted)				
1.w1curdrugs	.2246394	.0971376	2.31	0.023	.0319011	.4173777
w1curdrugs#c.timew1w3w4						
1	-.0203411	.0131842	-1.54	0.124	-.0462538	.0055716
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0045533	.0033427	-1.36	0.180	-.0112794	.0021728
c.timew1w3w4#c.w1hei2010_total_scorecent43	.0001117	.0004723	0.24	0.813	-.0008241	.0010476
timew1w3w4	0	(omitted)				
w1BM Icent30	.0041263	.0046063	0.90	0.370	-.0049027	.0131553
c.timew1w3w4#c.w1BM Icent30	-8.29e-06	.0006451	-0.01	0.990	-.0012727	.0012561
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.0689484	.0332293	2.07	0.038	.0038201	.1340767
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0064609	.0046375	-1.39	0.164	-.0155502	.0026285
_cons	.9044209	.1472316	6.14	0.000	.6158148	1.193027

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]
HNDID: Unstructured			
sd(timew1w3w4)	.0066954	.	.
sd(_cons)	.8137251	.	.
corr(timew1w3w4,_cons)	-.9999917	.	.
sd(Residual)	1.002009	.	.

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41 . 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 || 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	=	0.0549
	Largest FMI	=	0.3074
DF adjustment: Large sample	DF: min	=	50.79
	avg	=	297,704.53
	max	=	6480279.59
Model F test: Equal FMI	F(25,25585.5)	=	11.47
	Prob > F	=	0.0000

CES_SC	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.1362159	.0687523	-1.98	0.048	-.2709767	-.0014551
w1Agecent48	-.0270786	.0118832	-2.28	0.023	-.0503692	-.003788
c.timew1w3w4#c.w1Agecent48	.0009464	.0016233	0.58	0.560	-.0022353	.004128
timew1w3w4	0	(omitted)				
Sex						
Men	-1.095543	.2232024	-4.91	0.000	-1.533019	-.6580676
Sex#c.timew1w3w4						
Men	.0314087	.0301284	1.04	0.297	-.0276433	.0904606
timew1w3w4	0	(omitted)				
Race						
AfrAm	-.346086	.2194699	-1.58	0.115	-.7762508	.0840789
Race#c.timew1w3w4						
AfrAm	.0025369	.0300874	0.08	0.933	-.0564343	.0615081
timew1w3w4	0	(omitted)				
PovStat						
Below	1.114595	.2347222	4.75	0.000	.6545189	1.574671
PovStat#c.timew1w3w4						
Below	-.0195273	.0314732	-0.62	0.535	-.0812149	.0421604
timew1w3w4	0	(omitted)				
w1edubr						
2	-.4713899	.4580524	-1.03	0.303	-1.369226	.4264466
3	-1.430281	.4863659	-2.94	0.003	-2.384003	-.476559

wledubr#c.timew1w3w4						
2	.0592586	.0649	0.91	0.361	-.0679562	.1864735
3	.0542778	.0675416	0.80	0.422	-.0781032	.1866589
timew1w3w4	0	(omitted)				
inv millsCES	-.0048316	.0096953	-0.50	0.618	-.023834	.0141708
c.timew1w3w4#c.inv millsCES	-.0007168	.0012316	-0.58	0.561	-.0031307	.0016972
timew1w3w4	0	(omitted)				
1.w1smoke	.8960993	.2543023	3.52	0.001	.3949594	1.397239
w1smoke#c.timew1w3w4						
1	-.007847	.034844	-0.23	0.822	-.0762098	.0605159
timew1w3w4	0	(omitted)				
1.w1currrdrugs	.8943628	.302735	2.95	0.003	.2983418	1.490384
w1currrdrugs#c.timew1w3w4						
1	-.026162	.0471743	-0.55	0.582	-.1208781	.0685541
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	-.0249913	.0099669	-2.51	0.013	-.044689	-.0052936
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0011385	.0014395	-0.79	0.430	-.0039704	.0016933
timew1w3w4	0	(omitted)				
w1BM Icent30	.0262628	.0151845	1.73	0.084	-.0035019	.0560275
c.timew1w3w4#c.w1BM Icent30	.0005832	.0020664	0.28	0.778	-.003467	.0046333
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	.2651594	.1097144	2.42	0.016	.0501211	.4801978
c.timew1w3w4#c.zw1w3w4HCysTRAJ	-.0014213	.0148398	-0.10	0.924	-.0305071	.0276645
_cons	7.204041	.4864693	14.81	0.000	6.250305	8.157777

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.1443042	.0468291	.0763886	.2726023
sd(_cons)	2.908463	.1156613	2.690379	3.144224
corr(timew1w3w4,_cons)	-.4050916	.1023318	-.5847607	-.1875374
sd(Residual)	3.057004	.0578346	2.945714	3.172498

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45 . 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 || 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 = 0.0703

Largest FMI = 0.2884

DF adjustment: Large sample

DF: min = 57.39

avg = 740,215.86

max = 1.12e+07

Model F test: Equal FMI

F(25,15636.9) = 7.18

Prob > F = 0.0000

CES_WB	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
timew1w3w4	-.0234862	.0465857	-0.50	0.614	-.1147995	.067827
w1Agecent48	.0155619	.0071383	2.18	0.029	.0015709	.0295529
c.timew1w3w4#c.w1Agecent48	-.001534	.0011015	-1.39	0.164	-.0036929	.0006249
timew1w3w4	0	(omitted)				
Sex						
Men	.3532317	.1337504	2.64	0.008	.0910832	.6153801
Sex#c.timew1w3w4						
Men	.0026433	.0202964	0.13	0.896	-.0371371	.0424237
timew1w3w4	0	(omitted)				
Race						
AfrAm	.7771344	.1316582	5.90	0.000	.5190821	1.035187
Race#c.timew1w3w4						
AfrAm	-.0755344	.0202875	-3.72	0.000	-.1152973	-.0357714
timew1w3w4	0	(omitted)				
PovStat						
Below	-.3368107	.1406819	-2.39	0.017	-.6125526	-.0610689
PovStat#c.timew1w3w4						
Below	-.0319717	.0212407	-1.51	0.132	-.0736036	.0096601
timew1w3w4	0	(omitted)				
w1edubr						
2	.3029756	.275351	1.10	0.271	-.236731	.8426822
3	.5539072	.2887501	1.92	0.055	-.01206	1.119874
w1edubr#c.timew1w3w4						

2	-.013493	.0438181	-0.31	0.758	-.0993791	.072393
3	.0454476	.0457406	0.99	0.320	-.0442038	.1350991
timew1w3w4	0	(omitted)				
inv millsCES	-.0061067	.0058378	-1.05	0.296	-.0175485	.0053352
c.timew1w3w4#c.inv millsCES	.0013269	.0008267	1.60	0.109	-.0002935	.0029473
timew1w3w4	0	(omitted)				
1.w1smoke	-.2919907	.1519512	-1.92	0.056	-.5908931	.0069117
w1smoke#c.timew1w3w4						
1	-.0005447	.0247881	-0.02	0.982	-.0494795	.04839
timew1w3w4	0	(omitted)				
1.w1currrdrugs	-.5134786	.2003638	-2.56	0.013	-.9146417	-.1123155
w1currrdrugs#c.timew1w3w4						
1	.0586097	.0305907	1.92	0.059	-.0022627	.1194821
timew1w3w4	0	(omitted)				
w1hei2010_total_scorecent43	.0150797	.0058387	2.58	0.010	.0036097	.0265498
c.timew1w3w4#c.w1hei2010_total_scorecent43	-.0008045	.0010124	-0.79	0.428	-.0028092	.0012002
timew1w3w4	0	(omitted)				
w1BM Icent30	-.0106879	.0090913	-1.18	0.240	-.0285077	.0071319
c.timew1w3w4#c.w1BM Icent30	.0004271	.0013895	0.31	0.759	-.0022964	.0031506
timew1w3w4	0	(omitted)				
zw1w3w4HCysTRAJ	-.0587325	.0657	-0.89	0.371	-.1875021	.0700371
c.timew1w3w4#c.zw1w3w4HCysTRAJ	.0019234	.010016	0.19	0.848	-.0177077	.0215545
_cons	9.096804	.2892132	31.45	0.000	8.529949	9.663658

Random-effects parameters	Estimate	Std. err.	[95% conf. interval]	
HNDID: Unstructured				
sd(timew1w3w4)	.0723224	.0446534	.0215633	.2425664
sd(_cons)	1.485334	.0872463	1.32381	1.666566
corr(timew1w3w4,_cons)	.7611033	.8772998	-.9958529	.9999235
sd(Residual)	2.085794	.0403697	2.008151	2.166439

```

46 .
47 .
48 . save, replace
    file finaldata_imputed_FINAL.dta saved
49 .
50 . capture log close

```