```
 1 .
 2 .
 3 . **STEP 18: TABLE 3: MED4WAY FOR foodinsecurity AS EXPOSURE, DIFFERENT PROBABILITIES OF DEMENTIA AS MEDIATORS, A
   > **
 4 .
 5 . **COVARIATES: NonWhite AGE2012 SEX  i.education  i.totwealth_2012 marital_2012 work_st_2012 i.smoking_2012 i.al
 6 .
 7 . use finaldata_imputed_FINAL,clear

 8 .
 9 .
10 . capture drop lnhurd_odds

11 . mi passive: gen lnhurd_odds=ln((hurd_p)/(1-hurd_p))
   (passive variable lnhurd_odds unregistered because not in m=0)
   m=0:
   (35,574 missing values generated)
   m=1:
   (35,574 missing values generated)
   m=2:
   (35,574 missing values generated)
   m=3:
   (35,574 missing values generated)
   m=4:
   (35,574 missing values generated)
   m=5:
   (35,574 missing values generated)

12 .
13 . capture drop lnexpert_odds

14 . mi passive: gen lnexpert_odds=ln((expert_p)/(1-expert_p))
   (passive variable lnexpert_odds unregistered because not in m=0)
   m=0:
   (35,573 missing values generated)
   m=1:
   (35,573 missing values generated)
   m=2:
   (35,573 missing values generated)
   m=3:
   (35,573 missing values generated)
   m=4:
   (35,573 missing values generated)
   m=5:
   (35,573 missing values generated)

15 .
16 .
17 . capture drop lnlasso_odds
```

```
18 . mi passive: gen lnlasso_odds=ln((lasso_p)/(1-lasso_p))
   (passive variable lnlasso_odds unregistered because not in m=0)
   m=0:
   (36,047 missing values generated)
   m=1:
   (36,047 missing values generated)
   m=2:
   (36,047 missing values generated)
   m=3:
   (36,047 missing values generated)
   m=4:
   (36,047 missing values generated)
   m=5:
   (36,047 missing values generated)

19 .
20 .
21 . capture drop Men

22 . mi passive: gen Men=1 if SEX==1 & sample_final==1
   (passive variable Men unregistered because not in m=0)
   m=0:
   (42,180 missing values generated)
   m=1:
   (42,180 missing values generated)
   m=2:
   (42,180 missing values generated)
   m=3:
   (42,180 missing values generated)
   m=4:
   (42,180 missing values generated)
   m=5:
   (42,180 missing values generated)

23 . mi passive: replace Men=0 if Men~=1 & SEX~=. & sample_final==1
   m=0:
   (1,692 real changes made)
   m=1:
   (1,692 real changes made)
   m=2:
   (1,692 real changes made)
   m=3:
   (1,692 real changes made)
   m=4:
   (1,692 real changes made)
   m=5:
   (1,692 real changes made)

24 .
25 . capture drop Women
```

```
26 . mi passive: gen Women=1 if SEX==2 & sample_final==1
   (passive variable Women unregistered because not in m=0)
   m=0:
   (41,690 missing values generated)
   m=1:
   (41,690 missing values generated)
   m=2:
   (41,690 missing values generated)
   m=3:
   (41,690 missing values generated)
   m=4:
   (41,690 missing values generated)
   m=5:
   (41,690 missing values generated)

27 . mi passive: replace Women=0 if Women~=1 & SEX~=. & sample_final==1
   m=0:
   (1,202 real changes made)
   m=1:
   (1,202 real changes made)
   m=2:
   (1,202 real changes made)
   m=3:
   (1,202 real changes made)
   m=4:
   (1,202 real changes made)
   m=5:
   (1,202 real changes made)

28 .
29 . capture drop NHW

30 . mi passive: gen NHW=1 if RACE_ETHN==1 & sample_final==1
   (passive variable NHW unregistered because not in m=0)
   m=0:
   (41,015 missing values generated)
   m=1:
   (41,015 missing values generated)
   m=2:
   (41,015 missing values generated)
   m=3:
   (41,015 missing values generated)
   m=4:
   (41,015 missing values generated)
   m=5:
   (41,015 missing values generated)

31 . mi passive: replace NHW=0 if NHW~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (527 real changes made)
   m=1:
   (527 real changes made)
   m=2:
   (527 real changes made)
   m=3:
   (527 real changes made)
   m=4:
   (527 real changes made)
   m=5:
   (527 real changes made)
```

```
32 .
33 . capture drop NHB

34 . mi passive: gen NHB=1 if RACE_ETHN==2 & sample_final==1
   (passive variable NHB unregistered because not in m=0)
   m=0:
   (43,049 missing values generated)
   m=1:
   (43,049 missing values generated)
   m=2:
   (43,049 missing values generated)
   m=3:
   (43,049 missing values generated)
   m=4:
   (43,049 missing values generated)
   m=5:
   (43,049 missing values generated)

35 . mi passive: replace NHB=0 if NHB~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (2,561 real changes made)
   m=1:
   (2,561 real changes made)
   m=2:
   (2,561 real changes made)
   m=3:
   (2,561 real changes made)
   m=4:
   (2,561 real changes made)
   m=5:
   (2,561 real changes made)

36 .
37 .
38 . capture drop HISP

39 . mi passive: gen HISP=1 if RACE_ETHN==3 & sample_final==1
   (passive variable HISP unregistered because not in m=0)
   m=0:
   (43,188 missing values generated)
   m=1:
   (43,188 missing values generated)
   m=2:
   (43,188 missing values generated)
   m=3:
   (43,188 missing values generated)
   m=4:
   (43,188 missing values generated)
   m=5:
   (43,188 missing values generated)
```

```
40 . mi passive: replace HISP=0 if HISP~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (2,700 real changes made)
   m=1:
   (2,700 real changes made)
   m=2:
   (2,700 real changes made)
   m=3:
   (2,700 real changes made)
   m=4:
   (2,700 real changes made)
   m=5:
   (2,700 real changes made)

41 .
42 .
43 . capture drop OTHER

44 . mi passive: gen OTHER=1 if RACE_ETHN==4 & sample_final==1
   (passive variable OTHER unregistered because not in m=0)
   m=0:
   (43,382 missing values generated)
   m=1:
   (43,382 missing values generated)
   m=2:
   (43,382 missing values generated)
   m=3:
   (43,382 missing values generated)
   m=4:
   (43,382 missing values generated)
   m=5:
   (43,382 missing values generated)

45 . mi passive: replace OTHER=0 if OTHER~=1 & RACE_ETHN~=. & sample_final==1
   m=0:
   (2,894 real changes made)
   m=1:
   (2,894 real changes made)
   m=2:
   (2,894 real changes made)
   m=3:
   (2,894 real changes made)
   m=4:
   (2,894 real changes made)
   m=5:
   (2,894 real changes made)

46 .
47 .
48 . capture drop NonWhite
```

```
49 . mi passive: gen NonWhite=0 if RACE_ETHN==1 & sample_final==1
   (passive variable NonWhite unregistered because not in m=0)
   m=0:
   (41,015 missing values generated)
   m=1:
   (41,015 missing values generated)
   m=2:
   (41,015 missing values generated)
   m=3:
   (41,015 missing values generated)
   m=4:
   (41,015 missing values generated)
   m=5:
   (41,015 missing values generated)

50 . mi passive: replace NonWhite=1 if RACE_ETHN!=1 & RACE_ETHN!=. & sample_final==1
   m=0:
   (527 real changes made)
   m=1:
   (527 real changes made)
   m=2:
   (527 real changes made)
   m=3:
   (527 real changes made)
   m=4:
   (527 real changes made)
   m=5:
   (527 real changes made)

51 .
52 . save, replace
   (file C:\Users\baydounm\AppData\Local\Temp\ST_f14_000002.tmp not found)
   file C:\Users\baydounm\AppData\Local\Temp\ST_f14_000002.tmp saved as .dta format

53 .
54 .
55 .
56 . capture mi stset ageevent [pweight = HCNSWGTR_NT] if sample_final==1, failure(died==1) enter(AGE2012) origin(AG

57 .
58 .
59 .
60 . ***************************TABLE S3: MODEL 1*********************************
61 .
62 . ****************************OVERALL*****************************
63 . capture drop zlnhurd_odds zlnexpert_odds zlnlasso_odds

64 . foreach x of varlist  lnhurd_odds lnexpert_odds lnlasso_odds {
     2.         mi passive: egen z`x'=std(`x') if sample_final==1
     3. }
   (passive variables zlnhurd_odds zlnexpert_odds zlnlasso_odds unregistered because not in m=0)
   m=0:
   (40,488 missing values generated)
   m=1:
   (40,488 missing values generated)
   m=2:
   (40,488 missing values generated)
   m=3:
   (40,488 missing values generated)
   m=4:
   (40,488 missing values generated)
   m=5:
   (40,488 missing values generated)
```

```
m=0:
(40,488 missing values generated)
m=1:
(40,488 missing values generated)
m=2:
(40,488 missing values generated)
m=3:
(40,488 missing values generated)
m=4:
(40,488 missing values generated)
m=5:
(40,488 missing values generated)
m=0:
(40,488 missing values generated)
m=1:
(40,488 missing values generated)
m=2:
(40,488 missing values generated)
m=3:
(40,488 missing values generated)
m=4:
(40,488 missing values generated)
m=5:
(40,488 missing values generated)

65 .
66 . save, replace
   (file C:\Users\baydounm\AppData\Local\Temp\ST_f14_000002.tmp not found)
   file C:\Users\baydounm\AppData\Local\Temp\ST_f14_000002.tmp saved as .dta format

67 .
68 . foreach m of varlist zlnhurd_odds zlnexpert_odds zlnlasso_odds {
     2. mi estimate, cmdok esampvaryok: med4way foodinsecurity_totbr `m' AGE2012 SEX NonWhite   if sample_final==1 ,
     3. }
   Warning: this analysis assumes a rare outcome.
   Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
   Warning: this analysis assumes a rare outcome.
   Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
   Warning: this analysis assumes a rare outcome.
   Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
   Warning: this analysis assumes a rare outcome.
   Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
   Warning: this analysis assumes a rare outcome.
   Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

   Multiple-imputation estimates                Imputations       =          5
                                                Number of obs     =      2,894
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
   DF adjustment:   Large sample                DF:     min       =          .
                                                        avg       =          .
                                                        max       =          .
```

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	.0086316	.1270897	0.07	0.946	-.2404597	.2577229
ereri_cde	-.0735966	.1286216	-0.57	0.567	-.3256904	.1784971
ereri_intref	-.0045597	.0296594	-0.15	0.878	-.0626912	.0535717
ereri_intmed	-.0092382	.0348195	-0.27	0.791	-.0774833	.0590068
ereri_pie	.0960262	.0230727	4.16	0.000	.0508046	.1412478

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
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Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates — Imputations = **5**
Number of obs = **2,894**
Average RVI = **0.0000**
Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**
avg = **.**
max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	-.0002974	.1266384	-0.00	0.998	-.2485041	.2479092
ereri_cde	-.0495089	.1263808	-0.39	0.695	-.2972108	.198193
ereri_intref	-.0580853	.0270736	-2.15	0.032	-.1111486	-.005022
ereri_intmed	-.0759352	.0387374	-1.96	0.050	-.1518591	-.0000114
ereri_pie	.183232	.0389616	4.70	0.000	.1068686	.2595954

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates — Imputations = **5**
Number of obs = **2,894**
Average RVI = **0.0000**
Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**
avg = **.**
max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
tereri	**-.0049045**	**.1260331**	**-0.04**	**0.969**	**-.2519248**	**.2421158**
ereri_cde	**-.0715035**	**.1231628**	**-0.58**	**0.562**	**-.3128982**	**.1698911**
ereri_intref	**-.0330392**	**.0284082**	**-1.16**	**0.245**	**-.0887183**	**.0226399**
ereri_intmed	**-.0400199**	**.0324708**	**-1.23**	**0.218**	**-.1036615**	**.0236218**
ereri_pie	**.1396581**	**.0330891**	**4.22**	**0.000**	**.0748047**	**.2045115**

```
69 .
70 .
71 .
72 . ****************************MEN*******************************
73 .
74 .
75 .
76 . foreach m of varlist zlnhurd_odds zlnexpert_odds zlnlasso_odds {
  2. mi estimate, cmdok esampvaryok: med4way foodinsecurity_totbr `m' AGE2012 SEX NonWhite   if SEX==1 , a0(0) a1
  3. }
```

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

```
Multiple-imputation estimates                  Imputations     =          5
                                               Number of obs   =      1,202
                                               Average RVI     =     0.0000
                                               Largest FMI     =     0.0000
DF adjustment:   Large sample                  DF:     min     =          .
                                                       avg     =          .
                                                       max     =          .
```

	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
tereri	**.0140725**	**.1944087**	**0.07**	**0.942**	**-.3669615**	**.3951064**
ereri_cde	**.0776685**	**.2033576**	**0.38**	**0.703**	**-.320905**	**.476242**
ereri_intref	**-.1004203**	**.0350689**	**-2.86**	**0.004**	**-.1691541**	**-.0316865**
ereri_intmed	**-.0957716**	**.0636373**	**-1.50**	**0.132**	**-.2204984**	**.0289553**
ereri_pie	**.1325959**	**.0564938**	**2.35**	**0.019**	**.0218701**	**.2433216**

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates — Imputations = 5
Number of obs = 1,202
Average RVI = 0.0000
Largest FMI = 0.0000
DF adjustment: **Large sample** — DF: min = .
avg = .
max = .

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	.0026163	.193226	0.01	0.989	-.3760998	.3813323
ereri_cde	.0799281	.1970599	0.41	0.685	-.3063023	.4661585
ereri_intref	-.1268232	.0433891	-2.92	0.003	-.2118643	-.0417821
ereri_intmed	-.0956869	.0629716	-1.52	0.129	-.2191089	.0277351
ereri_pie	.1451982	.0696898	2.08	0.037	.0086088	.2817876

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates — Imputations = 5
Number of obs = 1,202
Average RVI = 0.0000
Largest FMI = 0.0000
DF adjustment: **Large sample** — DF: min = .
avg = .
max = .

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	-.0002815	.1924097	-0.00	0.999	-.3773975	.3768345
ereri_cde	.0329357	.1918049	0.17	0.864	-.3429951	.4088665
ereri_intref	-.0799004	.0319536	-2.50	0.012	-.1425283	-.0172725
ereri_intmed	-.0674796	.0526098	-1.28	0.200	-.1705929	.0356337
ereri_pie	.1141628	.0613167	1.86	0.063	-.0060158	.2343414

```
77 .
78 .
79 . ****************************WOMEN*******************************
80 .
81 .
```

```
82 . foreach m of varlist zlnhurd_odds zlnexpert_odds zlnlasso_odds {
  2. mi estimate, cmdok esampvaryok: med4way foodinsecurity_totbr `m' AGE2012 SEX NonWhite   if SEX==2 , a0(0) a1
  3. }
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates                   Imputations       =          5
                                                Number of obs     =      1,692
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
DF adjustment:   Large sample                   DF:     min       =          .
                                                        avg       =          .
                                                        max       =          .
```

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	.000306	.1679963	0.00	0.999	-.3289606	.3295727
ereri_cde	-.1569772	.1622744	-0.97	0.333	-.4750291	.1610746
ereri_intref	.0328017	.0483142	0.68	0.497	-.0618923	.1274958
ereri_intmed	.0301224	.049057	0.61	0.539	-.0660276	.1262725
ereri_pie	.0943591	.0279223	3.38	0.001	.0396324	.1490858

```
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates                   Imputations       =          5
                                                Number of obs     =      1,692
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
DF adjustment:   Large sample                   DF:     min       =          .
                                                        avg       =          .
                                                        max       =          .
```

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	-.0223796	.1649128	-0.14	0.892	-.3456029	.3008436
ereri_cde	-.1402761	.1620165	-0.87	0.387	-.4578227	.1772705
ereri_intref	-.0246431	.0335842	-0.73	0.463	-.090467	.0411808
ereri_intmed	-.0516847	.0503054	-1.03	0.304	-.1502815	.0469121
ereri_pie	.1942243	.0470704	4.13	0.000	.101968	.2864806

```
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
```

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

Multiple-imputation estimates — Imputations = **5**
Number of obs = **1,692**
Average RVI = **0.0000**
Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**, avg = **.**, max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	**-.0262167**	**.1641904**	**-0.16**	**0.873**	**-.348024**	**.2955906**
ereri_cde	**-.1588991**	**.1573703**	**-1.01**	**0.313**	**-.4673393**	**.149541**
ereri_intref	**-.0016257**	**.0403103**	**-0.04**	**0.968**	**-.0806324**	**.077381**
ereri_intmed	**-.0127993**	**.044163**	**-0.29**	**0.772**	**-.0993572**	**.0737586**
ereri_pie	**.1471074**	**.0389924**	**3.77**	**0.000**	**.0706838**	**.223531**

```
83 .
84 .
85 . **************************NHW****************************************
86 .
87 .
88 .
89 . foreach m of varlist zlnhurd_odds zlnexpert_odds zlnlasso_odds {
  2. mi estimate, cmdok esampvaryok: med4way foodinsecurity_totbr `m' AGE2012 SEX NonWhite   if NonWhite==0 , a0(
  3. }
```

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
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Multiple-imputation estimates — Imputations = **5**
Number of obs = **2,367**
Average RVI = **0.0000**
Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**, avg = **.**, max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	.0155623	.1581295	0.10	0.922	-.2943658	.3254903
ereri_cde	-.0315133	.1583935	-0.20	0.842	-.3419589	.2789322
ereri_intref	-.0168118	.0233378	-0.72	0.471	-.062553	.0289294
ereri_intmed	-.0296902	.0465897	-0.64	0.524	-.1210044	.061624
ereri_pie	.0935776	.0287911	3.25	0.001	.0371481	.1500071

Warning: this analysis assumes a rare outcome.
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Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**
avg = **.**
max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
tereri	-.0006526	.1561625	-0.00	0.997	-.3067255	.3054202
ereri_cde	-.0328311	.1549242	-0.21	0.832	-.3364769	.2708148
ereri_intref	-.0606216	.021061	-2.88	0.004	-.1019003	-.0193429
ereri_intmed	-.1186605	.0578602	-2.05	0.040	-.2320645	-.0052565
ereri_pie	.2114606	.0500869	4.22	0.000	.113292	.3096291

Warning: this analysis assumes a rare outcome.
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Multiple-imputation estimates — Imputations = **5**
Number of obs = **2,367**
Average RVI = **0.0000**
Largest FMI = **0.0000**
DF adjustment: **Large sample** — DF: min = **.**
avg = **.**
max = **.**

	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
tereri	-.0042875	.1556155	-0.03	0.978	-.3092882	.3007133
ereri_cde	-.0376122	.1521091	-0.25	0.805	-.3357406	.2605162
ereri_intref	-.0450608	.0251177	-1.79	0.073	-.0942907	.004169
ereri_intmed	-.0620612	.0438287	-1.42	0.157	-.1479638	.0238415
ereri_pie	.1404467	.0419306	3.35	0.001	.0582644	.2226291

```
90 .
91 .
92 .
93 . ***************************Non-White**************************************
94 .
95 .
96 . foreach m of varlist zlnhurd_odds zlnexpert_odds zlnlasso_odds {
  2. mi estimate, cmdok esampvaryok: med4way foodinsecurity_totbr `m' AGE2012 SEX NonWhite   if NonWhite==1 , a0(
  3. }
```

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
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Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

```
Multiple-imputation estimates                   Imputations       =          5
                                                Number of obs     =        527
                                                Average RVI       =     0.0000
                                                Largest FMI       =     0.0000
DF adjustment:   Large sample                   DF:     min       =          .
                                                        avg       =          .
                                                        max       =          .
```

	Coefficient	Std. err.	t	P>|t|	[95% conf. interval]	
tereri	-.0202393	.2110623	-0.10	0.924	-.4339138	.3934351
ereri_cde	-.1506608	.2004629	-0.75	0.452	-.5435609	.2422392
ereri_intref	-.0010178	.0848778	-0.01	0.990	-.1673754	.1653397
ereri_intmed	-.0054967	.0594565	-0.09	0.926	-.1220293	.1110359
ereri_pie	.136936	.0554902	2.47	0.014	.0281772	.2456949

Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
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Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei

```
Multiple-imputation estimates                     Imputations       =          5
                                                  Number of obs     =        527
                                                  Average RVI       =     0.0000
                                                  Largest FMI       =     0.0000
DF adjustment:   Large sample                     DF:     min       =          .
                                                          avg       =          .
                                                          max       =          .

-------------+----------------------------------------------------------------
             | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
      tereri |  -.0302158   .2102513    -0.14   0.886    -.4423007    .3818692
   ereri_cde |  -.1143018   .1956384    -0.58   0.559    -.4977461    .2691425
ereri_intref |  -.0318224   .0986812    -0.32   0.747    -.2252341    .1615893
ereri_intmed |  -.0200478    .051105    -0.39   0.695    -.1202118    .0801161
   ereri_pie |   .1359562   .0657175     2.07   0.039     .0071524    .2647601
------------------------------------------------------------------------------
Warning: this analysis assumes a rare outcome.
Warning: fixed values for the covariates AGE2012 SEX NonWhite were not provided. All covariates are fixed at thei
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Multiple-imputation estimates                     Imputations       =          5
                                                  Number of obs     =        527
                                                  Average RVI       =     0.0000
                                                  Largest FMI       =     0.0000
DF adjustment:   Large sample                     DF:     min       =          .
                                                          avg       =          .
                                                          max       =          .

-------------+----------------------------------------------------------------
             | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
      tereri |  -.0295689   .2102898    -0.14   0.888    -.4417292    .3825915
   ereri_cde |  -.1752721   .1921818    -0.91   0.362    -.5519416    .2013973
ereri_intref |   .0080847   .0803704     0.10   0.920    -.1494384    .1656078
ereri_intmed |  -.0001631    .056837    -0.00   0.998    -.1115616    .1112353
   ereri_pie |   .1377818   .0579843     2.38   0.017     .0241346     .251429
------------------------------------------------------------------------------

 97 .
 98 . save finaldata_imputed_FINAL, replace
    file finaldata_imputed_FINAL.dta saved

 99 .
100 . capture log close
```