\*\*\* Survey of Consumer Finances \*\*\*

clear

///use your filepaths here

cd "/Users/ndwitkin/Downloads/"

global surveydata01 `"wealth01.dta"'

global weights01 `"scf2001rw1s.dta"'

global summary01 `"rscfp2001.dta"'

global surveydata04 `"wealth04.dta"'

global weights04 `"p04\_rw1.dta"'

global summary04 `"rscfp2004.dta"'

global surveydata07 `"wealth07.dta"'

global weights07 `"p07\_rw1.dta"'

global summary07 `"rscfp2007.dta"'

global surveydata10 `"wealth10.dta"'

global weights10 `"p10\_rw1.dta"'

global summary10 `"rscfp2010.dta"'

global surveydata13 `"wealth13.dta"'

global weights13 `"weights2013.dta"'

global summary13 `"rscfp2013.dta"'

global surveydata16 `"wealth16.dta"'

global weights16 `"p16\_rw1.dta"'

global summary16 `"rscfp2016.dta"'

///2001 DATA PREPARATION AND REGRESSIONS

use $surveydata01, clear

///removed question X7138

///X3610 X3620 X3630 replace X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 X6758

///X3727 X3731 X3737 X3743 X3749 X3755 X3761 X7785 not used (not reporting amounts)

///X3730 X3736 X3742 X3748 X3754 X3760 replaced by X3706 X3711 X3716

///X7787 not asked

///X6577 replaced by X6820

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X430 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1405 X1505 X1409 X1509 X1417 X1517 X1619 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X3610 X3620 X3630 ///

X3719 X3721 X3727 X3706 X3711 X3716 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3824 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6820 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X5901 X508 X3103 X7412 X7411 X6101 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X5704 X5706 X5708 X5710 X5716 X5714 X5712 X5722 X5718 X5720 ///

X6525 X6526 X6527 X6528 X6529 X6530 X6531 X6532 X6533 X6534 X6535 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1405 X1505 X1409 X1509 X1619 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

 X3610 X3620 X3630 X3721 X3706 X3711 X3716 X3822 X3824 X3826 ///

 X3828 X3830 X3902 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6820 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1405 + X1505 + X1409 + X1509 + X1619 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 ///

+ X3610 + X3620 + X3630 + X3721 + X3706 + X3711 + X3716 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X3902 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6820 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1417 + X1517 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts) \* 0.7391

///creating the poverty variable

///generate income and drop cases in which both regular income and welfare benefits are less than or equal to zero

///there are a significant number of cases of people reporting zero income or losses for the year who also have hundreds of millions of dollars of networth

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 8590 & HH ==1 | income <= 11610 & HH ==2 | income <= 14630 & HH ==3 | income <= 17650 & HH ==4 | income <= 20670 & HH ==5 | ///

income <= 23690 & HH ==6 | income <= 26710 & HH ==7 | income <= 29730 & HH == 8 | income <= 32750 & HH == 9 | income <= 35770 & HH == 10 | ///

income <= 38790 & HH == 11 | income <= 41810 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= (8590\*1.5) & HH ==1 | income <= (11610\*1.5) & HH ==2 | income <= (14630\*1.5) & HH ==3 | income <= (17650\*1.5) & HH ==4 | income <= (20670\*1.5) & HH ==5 | ///

income <= (23690\*1.5) & HH ==6 | income <= (26710\*1.5) & HH ==7 | income <= (29730\*1.5) & HH == 8 | income <= (32750\*1.5) & HH == 9 | income <= (35770\*1.5) & HH == 10 | ///

income <= (38790\*1.5) & HH == 11 | income <= (41810\*1.5) & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 8590\*2 & HH ==1 | income <= 11610\*2 & HH ==2 | income <= 14630\*2 & HH ==3 | income <= 17650\*2 & HH ==4 | income <= 20670\*2 & HH ==5 | ///

income <= 23690\*2 & HH ==6 | income <= 26710\*2 & HH ==7 | income <= 29730\*2 & HH == 8 | income <= 32750\*2 & HH == 9 | income <= 35770\*2 & HH == 10 | ///

income <= 38790\*2 & HH == 11 | income <= 41810\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 8590\*5 & HH ==1 | income <= 11610\*5 & HH ==2 | income <= 14630\*5 & HH ==3 | income <= 17650\*5 & HH ==4 | income <= 20670\*5 & HH ==5 | ///

income <= 23690\*5 & HH ==6 | income <= 26710\*5 & HH ==7 | income <= 29730\*5 & HH == 8 | income <= 32750\*5 & HH == 9 | income <= 35770\*5 & HH == 10 | ///

income <= 38790\*5 & HH == 11 | income <= 41810\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 8590\*10 & HH ==1 | income <= 11610\*10 & HH ==2 | income <= 14630\*10 & HH ==3 | income <= 17650\*10 & HH ==4 | income <= 20670\*10 & HH ==5 | ///

income <= 23690\*10 & HH ==6 | income <= 26710\*10 & HH ==7 | income <= 29730\*10 & HH == 8 | income <= 32750\*10 & HH == 9 | income <= 35770\*10 & HH == 10 | ///

income <= 38790\*10 & HH == 11 | income <= 41810\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 8590\*20 & HH ==1 | income <= 11610\*20 & HH ==2 | income <= 14630\*20 & HH ==3 | income <= 17650\*20 & HH ==4 | income <= 20670\*20 & HH ==5 | ///

income <= 23690\*20 & HH ==6 | income <= 26710\*20 & HH ==7 | income <= 29730\*20 & HH == 8 | income <= 32750\*20 & HH == 9 | income <= 35770\*20 & HH == 10 | ///

income <= 38790\*20 & HH == 11 | income <= 41810\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

///X4110 is the hours of the head (the male if X8000==5, the female if X8000==1)

///NOTE: when using X4110 == X4710 as a missing value (i.e., both spouses work the same amount of hours), the numbers for the FHH regression

///controlling for singleness are relatively the same and the relationships and statistical significance hold

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary01, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights01, force

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

micombine regress networth poverty fhh fhh\_poverty age [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = -fhh

///p=0.0851

replace income = income \* 0.7391

gen age2 = age^2

gen year = 2001

save "survey01final3.dta", replace

///2004 DATA PREPARATION AND REGRESSIONS

use $surveydata04, clear

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X430 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1405 X1505 X1409 X1509 X1417 X1517 X1619 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 ///

X6758 X3719 X3721 X3727 X3730 X3736 X3742 X3748 X3754 X3760 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3824 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6577 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X5901 X508 X3103 X7412 X7411 X6101 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X5704 X5706 X5708 X5710 X5716 X5714 X5712 X5722 X5718 X5720 ///

X6525 X6526 X6527 X6528 X6529 X6530 X6531 X6532 X6533 X6534 X6535 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1405 X1505 X1409 X1509 X1619 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 X6551 X6559 X6567 X6552 X6560 ///

 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X3721 X3730 X3736 X3742 X3748 X3754 X3760 X3822 X3824 X3826 ///

 X3828 X3830 X7787 X3902 X6756 X6757 X6758 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6577 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1405 + X1505 + X1409 + X1509 + X1619 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 + X6551 + X6559 + X6567 + X6552 + X6560 ///

+ X6568 + X6553 + X6561 + X6569 + X6554 + X6562 + X6570 + X3721 + X3730 + X3736 + X3742 + X3748 + X3754 + X3760 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X7787 + X3902 + X6756 + X6757 + X6758 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6577 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1417 + X1517 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts) \* 0.7817

///creating the poverty variable

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 9310 & HH ==1 | income <= 12490 & HH ==2 | income <= 15670 & HH ==3 | income <= 18850 & HH ==4 | income <= 22030 & HH ==5 | ///

income <= 25210 & HH ==6 | income <= 28390 & HH ==7 | income <= 31570 & HH == 8 | income <= 34750 & HH == 9 | income <= 37930 & HH == 10 | ///

income <= 41110 & HH == 11 | income <= 44290 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= 9310\*1.5 & HH ==1 | income <= 12490\*1.5 & HH ==2 | income <= 15670\*1.5 & HH ==3 | income <= 18850\*1.5 & HH ==4 | income <= 22030\*1.5 & HH ==5 | ///

income <= 25210\*1.5 & HH ==6 | income <= 28390\*1.5 & HH ==7 | income <= 31570\*1.5 & HH == 8 | income <= 34750\*1.5 & HH == 9 | income <= 37930\*1.5 & HH == 10 | ///

income <= 41110\*1.5 & HH == 11 | income <= 44290\*1.5 & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 9310\*2 & HH ==1 | income <= 12490\*2 & HH ==2 | income <= 15670\*2 & HH ==3 | income <= 18850\*2 & HH ==4 | income <= 22030\*2 & HH ==5 | ///

income <= 25210\*2 & HH ==6 | income <= 28390\*2 & HH ==7 | income <= 31570\*2 & HH == 8 | income <= 34750\*2 & HH == 9 | income <= 37930\*2 & HH == 10 | ///

income <= 41110\*2 & HH == 11 | income <= 44290\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 9310\*5 & HH ==1 | income <= 12490\*5 & HH ==2 | income <= 15670\*5 & HH ==3 | income <= 18850\*5 & HH ==4 | income <= 22030\*5 & HH ==5 | ///

income <= 25210\*5 & HH ==6 | income <= 28390\*5 & HH ==7 | income <= 31570\*5 & HH == 8 | income <= 34750\*5 & HH == 9 | income <= 37930\*5 & HH == 10 | ///

income <= 41110\*5 & HH == 11 | income <= 44290\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 9310\*10 & HH ==1 | income <= 12490\*10 & HH ==2 | income <= 15670\*10 & HH ==3 | income <= 18850\*10 & HH ==4 | income <= 22030\*10 & HH ==5 | ///

income <= 25210\*10 & HH ==6 | income <= 28390\*10 & HH ==7 | income <= 31570\*10 & HH == 8 | income <= 34750\*10 & HH == 9 | income <= 37930\*10 & HH == 10 | ///

income <= 41110\*10 & HH == 11 | income <= 44290\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 9310\*20 & HH ==1 | income <= 12490\*20 & HH ==2 | income <= 15670\*20 & HH ==3 | income <= 18850\*20 & HH ==4 | income <= 22030\*20 & HH ==5 | ///

income <= 25210\*20 & HH ==6 | income <= 28390\*20 & HH ==7 | income <= 31570\*20 & HH == 8 | income <= 34750\*20 & HH == 9 | income <= 37930\*20 & HH == 10 | ///

income <= 41110\*20 & HH == 11 | income <= 44290\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary04, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights04, force

rename WT\*, lower

rename MM\*, lower

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

replace income = income \* 0.7817

gen age2 = age^2

gen year = 2004

save "survey04final3.dta", replace

use "survey04final3.dta", clear

///2007 DATA PREPARATION AND REGRESSIONS

use $surveydata07, clear

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X430 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1405 X1505 X1409 X1509 X1417 X1517 X1619 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 ///

X6758 X3719 X3721 X3727 X3730 X3736 X3742 X3748 X3754 X3760 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6577 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X5901 X508 X3103 X7412 X7411 X6101 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X5704 X5706 X5708 X5710 X5716 X5714 X5712 X5722 X5718 X5720 ///

X6525 X6526 X6527 X6528 X6529 X6530 X6531 X6532 X6533 X6534 X6535 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1405 X1505 X1409 X1509 X1619 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 X6551 X6559 X6567 X6552 X6560 ///

 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X3721 X3730 X3736 X3742 X3748 X3754 X3760 X3822 X3824 X3826 ///

 X3828 X3830 X7787 X3902 X6756 X6757 X6758 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6577 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1405 + X1505 + X1409 + X1509 + X1619 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 + X6551 + X6559 + X6567 + X6552 + X6560 ///

+ X6568 + X6553 + X6561 + X6569 + X6554 + X6562 + X6570 + X3721 + X3730 + X3736 + X3742 + X3748 + X3754 + X3760 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X7787 + X3902 + X6756 + X6757 + X6758 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6577 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1417 + X1517 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts) \* 0.8544

///creating the poverty variable

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 10210 & HH ==1 | income <= 13690 & HH ==2 | income <= 17170 & HH ==3 | income <= 20650 & HH ==4 | income <= 24130 & HH ==5 | ///

income <= 27610 & HH ==6 | income <= 31090 & HH ==7 | income <= 34570 & HH == 8 | income <= 38050 & HH == 9 | income <= 41530 & HH == 10 | ///

income <= 45010 & HH == 11 | income <= 48490 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= 10210\*1.5 & HH ==1 | income <= 13690\*1.5 & HH ==2 | income <= 17170\*1.5 & HH ==3 | income <= 20650\*1.5 & HH ==4 | income <= 24130\*1.5 & HH ==5 | ///

income <= 27610\*1.5 & HH ==6 | income <= 31090\*1.5 & HH ==7 | income <= 34570\*1.5 & HH == 8 | income <= 38050\*1.5 & HH == 9 | income <= 41530\*1.5 & HH == 10 | ///

income <= 45010\*1.5 & HH == 11 | income <= 48490\*1.5 & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 10210\*2 & HH ==1 | income <= 13690\*2 & HH ==2 | income <= 17170\*2 & HH ==3 | income <= 20650\*2 & HH ==4 | income <= 24130\*2 & HH ==5 | ///

income <= 27610\*2 & HH ==6 | income <= 31090\*2 & HH ==7 | income <= 34570\*2 & HH == 8 | income <= 38050\*2 & HH == 9 | income <= 41530\*2 & HH == 10 | ///

income <= 45010\*2 & HH == 11 | income <= 48490\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 10210\*5 & HH ==1 | income <= 13690\*5 & HH ==2 | income <= 17170\*5 & HH ==3 | income <= 20650\*5 & HH ==4 | income <= 24130\*5 & HH ==5 | ///

income <= 27610\*5 & HH ==6 | income <= 31090\*5 & HH ==7 | income <= 34570\*5 & HH == 8 | income <= 38050\*5 & HH == 9 | income <= 41530\*5 & HH == 10 | ///

income <= 45010\*5 & HH == 11 | income <= 48490\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 10210\*10 & HH ==1 | income <= 13690\*10 & HH ==2 | income <= 17170\*10 & HH ==3 | income <= 20650\*10 & HH ==4 | income <= 24130\*10 & HH ==5 | ///

income <= 27610\*10 & HH ==6 | income <= 31090\*10 & HH ==7 | income <= 34570\*10 & HH == 8 | income <= 38050\*10 & HH == 9 | income <= 41530\*10 & HH == 10 | ///

income <= 45010\*10 & HH == 11 | income <= 48490\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 10210\*20 & HH ==1 | income <= 13690\*20 & HH ==2 | income <= 17170\*20 & HH ==3 | income <= 20650\*20 & HH ==4 | income <= 24130\*20 & HH ==5 | ///

income <= 27610\*20 & HH ==6 | income <= 31090\*20 & HH ==7 | income <= 34570\*20 & HH == 8 | income <= 38050\*20 & HH == 9 | income <= 41530\*20 & HH == 10 | ///

income <= 45010\*20 & HH == 11 | income <= 48490\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4 | X226 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary07, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights07, force

rename WT\*, lower

rename MM\*, lower

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

replace income = income \* 0.8544

gen age2 = age^2

gen year = 2007

save "survey07final3.dta", replace

///2010 DATA PREPARATION AND REGRESSIONS

use $surveydata10, clear

///X1405 X1505 X1409 X1509 replace X1306 X1325 X1310 X1329

///X1417 X1517 X1619 replace X1318 X1337 X1339

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X430 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1405 X1505 X1409 X1509 X1417 X1517 X1619 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 ///

X6758 X3719 X3721 X3727 X3730 X3736 X3742 X3748 X3754 X3760 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3824 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6577 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X5901 X508 X3103 X7412 X7411 X6101 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X5704 X5706 X5708 X5710 X5716 X5714 X5712 X5722 X5718 X5720 ///

X6525 X6526 X6527 X6528 X6529 X6530 X6531 X6532 X6533 X6534 X6535 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1405 X1505 X1409 X1509 X1619 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 X6551 X6559 X6567 X6552 X6560 ///

 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X3721 X3730 X3736 X3742 X3748 X3754 X3760 X3822 X3824 X3826 ///

 X3828 X3830 X7787 X3902 X6756 X6757 X6758 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6577 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1405 + X1505 + X1409 + X1509 + X1619 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 + X6551 + X6559 + X6567 + X6552 + X6560 ///

+ X6568 + X6553 + X6561 + X6569 + X6554 + X6562 + X6570 + X3721 + X3730 + X3736 + X3742 + X3748 + X3754 + X3760 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X7787 + X3902 + X6756 + X6757 + X6758 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6577 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1417 + X1517 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts) \* 0.9146

///creating the poverty variable

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 10830 & HH ==1 | income <= 14570 & HH ==2 | income <= 18310 & HH ==3 | income <= 22050 & HH ==4 | income <= 25790 & HH ==5 | ///

income <= 29530 & HH ==6 | income <= 33270 & HH ==7 | income <= 37010 & HH == 8 | income <= 40750 & HH == 9 | income <= 44490 & HH == 10 | ///

income <= 48230 & HH == 11 | income <= 51970 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= 10830\*1.5 & HH ==1 | income <= 14570\*1.5 & HH ==2 | income <= 18310\*1.5 & HH ==3 | income <= 22050\*1.5 & HH ==4 | income <= 25790\*1.5 & HH ==5 | ///

income <= 29530\*1.5 & HH ==6 | income <= 33270\*1.5 & HH ==7 | income <= 37010\*1.5 & HH == 8 | income <= 40750\*1.5 & HH == 9 | income <= 44490\*1.5 & HH == 10 | ///

income <= 48230\*1.5 & HH == 11 | income <= 51970\*1.5 & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 10830\*2 & HH ==1 | income <= 14570\*2 & HH ==2 | income <= 18310\*2 & HH ==3 | income <= 22050\*2 & HH ==4 | income <= 25790\*2 & HH ==5 | ///

income <= 29530\*2 & HH ==6 | income <= 33270\*2 & HH ==7 | income <= 37010\*2 & HH == 8 | income <= 40750\*2 & HH == 9 | income <= 44490\*2 & HH == 10 | ///

income <= 48230\*2 & HH == 11 | income <= 51970\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 10830\*5 & HH ==1 | income <= 14570\*5 & HH ==2 | income <= 18310\*5 & HH ==3 | income <= 22050\*5 & HH ==4 | income <= 25790\*5 & HH ==5 | ///

income <= 29530\*5 & HH ==6 | income <= 33270\*5 & HH ==7 | income <= 37010\*5 & HH == 8 | income <= 40750\*5 & HH == 9 | income <= 44490\*5 & HH == 10 | ///

income <= 48230\*5 & HH == 11 | income <= 51970\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 10830\*10 & HH ==1 | income <= 14570\*10 & HH ==2 | income <= 18310\*10 & HH ==3 | income <= 22050\*10 & HH ==4 | income <= 25790\*10 & HH ==5 | ///

income <= 29530\*10 & HH ==6 | income <= 33270\*10 & HH ==7 | income <= 37010\*10 & HH == 8 | income <= 40750\*10 & HH == 9 | income <= 44490\*10 & HH == 10 | ///

income <= 48230\*10 & HH == 11 | income <= 51970\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 10830\*20 & HH ==1 | income <= 14570\*20 & HH ==2 | income <= 18310\*20 & HH ==3 | income <= 22050\*20 & HH ==4 | income <= 25790\*20 & HH ==5 | ///

income <= 29530\*20 & HH ==6 | income <= 33270\*20 & HH ==7 | income <= 37010\*20 & HH == 8 | income <= 40750\*20 & HH == 9 | income <= 44490\*20 & HH == 10 | ///

income <= 48230\*20 & HH == 11 | income <= 51970\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4 | X226 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary10, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights10, force

rename WT\*, lower

rename MM\*, lower

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

replace income = income \* 0.9146

gen age2 = age^2

gen year = 2010

save "survey10final3.dta", replace

///2013 DATA PREPARATION AND REGRESSIONS

use $surveydata13, clear

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X430 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1306 X1325 X1310 X1329 X1318 X1337 X1339 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 ///

X6758 X3719 X3721 X3727 X3730 X3736 X3742 X3748 X3754 X3760 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3824 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6577 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X5901 X508 X3103 X7412 X7411 X6101 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X5704 X5706 X5708 X5710 X5716 X5714 X5712 X5722 X5718 X5720 ///

X6525 X6526 X6527 X6528 X6529 X6530 X6531 X6532 X6533 X6534 X6535 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1306 X1325 X1310 X1329 X1339 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 X6551 X6559 X6567 X6552 X6560 ///

 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X3721 X3730 X3736 X3742 X3748 X3754 X3760 X3822 X3824 X3826 ///

 X3828 X3830 X7787 X3902 X6756 X6757 X6758 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6577 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1306 + X1325 + X1310 + X1329 + X1339 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 + X6551 + X6559 + X6567 + X6552 + X6560 ///

+ X6568 + X6553 + X6561 + X6569 + X6554 + X6562 + X6570 + X3721 + X3730 + X3736 + X3742 + X3748 + X3754 + X3760 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X7787 + X3902 + X6756 + X6757 + X6758 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6577 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1318 + X1337 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts) \* 0.9720

///creating the poverty variable

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 11490 & HH ==1 | income <= 15510 & HH ==2 | income <= 19530 & HH ==3 | income <= 23550 & HH ==4 | income <= 27570 & HH ==5 | ///

income <= 31590 & HH ==6 | income <= 35610 & HH ==7 | income <= 39630 & HH == 8 | income <= 43650 & HH == 9 | income <= 47670 & HH == 10 | ///

income <= 51690 & HH == 11 | income <= 55710 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= 11490\*1.5 & HH ==1 | income <= 15510\*1.5 & HH ==2 | income <= 19530\*1.5 & HH ==3 | income <= 23550\*1.5 & HH ==4 | income <= 27570\*1.5 & HH ==5 | ///

income <= 31590\*1.5 & HH ==6 | income <= 35610\*1.5 & HH ==7 | income <= 39630\*1.5 & HH == 8 | income <= 43650\*1.5 & HH == 9 | income <= 47670\*1.5 & HH == 10 | ///

income <= 51690\*1.5 & HH == 11 | income <= 55710\*1.5 & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 11490\*2 & HH ==1 | income <= 15510\*2 & HH ==2 | income <= 19530\*2 & HH ==3 | income <= 23550\*2 & HH ==4 | income <= 27570\*2 & HH ==5 | ///

income <= 31590\*2 & HH ==6 | income <= 35610\*2 & HH ==7 | income <= 39630\*2 & HH == 8 | income <= 43650\*2 & HH == 9 | income <= 47670\*2 & HH == 10 | ///

income <= 51690\*2 & HH == 11 | income <= 55710\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 11490\*5 & HH ==1 | income <= 15510\*5 & HH ==2 | income <= 19530\*5 & HH ==3 | income <= 23550\*5 & HH ==4 | income <= 27570\*5 & HH ==5 | ///

income <= 31590\*5 & HH ==6 | income <= 35610\*5 & HH ==7 | income <= 39630\*5 & HH == 8 | income <= 43650\*5 & HH == 9 | income <= 47670\*5 & HH == 10 | ///

income <= 51690\*5 & HH == 11 | income <= 55710\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 11490\*10 & HH ==1 | income <= 15510\*10 & HH ==2 | income <= 19530\*10 & HH ==3 | income <= 23550\*10 & HH ==4 | income <= 27570\*10 & HH ==5 | ///

income <= 31590\*10 & HH ==6 | income <= 35610\*10 & HH ==7 | income <= 39630\*10 & HH == 8 | income <= 43650\*10 & HH == 9 | income <= 47670\*10 & HH == 10 | ///

income <= 51690\*10 & HH == 11 | income <= 55710\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 11490\*20 & HH ==1 | income <= 15510\*20 & HH ==2 | income <= 19530\*20 & HH ==3 | income <= 23550\*20 & HH ==4 | income <= 27570\*20 & HH ==5 | ///

income <= 31590\*20 & HH ==6 | income <= 35610\*20 & HH ==7 | income <= 39630\*20 & HH == 8 | income <= 43650\*20 & HH == 9 | income <= 47670\*20 & HH == 10 | ///

income <= 51690\*20 & HH == 11 | income <= 55710\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4 | X226 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary13, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights13, force

rename WT\*, lower

rename MM\*, lower

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

replace income = income \* 0.9720

gen age2 = age^2

gen year = 2013

save "survey13final3.dta", replace

///2016 DATA PREPARATION AND REGRESSIONS

use $surveydata16, clear

\* mi import flong m(rep)

mi set flong

\* mi register imputed X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X8021 X8023 X8024 X7000 X7021 X7002 X8098 X6809 X501 X513 X526 X701 X7133 ///

X7134 X716 X413 X421 X427 X513 X526 X604 X614 X7138 X805 X905 X1005 X1035 X1044 X1108 ///

X1119 X1130 X1136 X1215 X1219 X1306 X1325 X1310 X1329 X1318 X1337 X1339 X1706 X1806 X2002 ///

X3129 X3130 X3230 X2218 X2318 X2418 X7169 X2422 X7824 X7847 X7870 X7924 X7947 X7970 X2723 X2740 ///

X2823 X2840 X2923 X2940 X7183 X3501 X3502 X3504 X6695 X3506 X3510 X3514 X3518 X3522 X3526 X3529 ///

X8446 X3601 X6551 X6559 X6567 X6552 X6560 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X6756 X6757 ///

X6758 X3719 X3721 X3727 X3730 X3736 X3742 X3748 X3754 X3760 X3731 X3737 X3743 X3749 X3755 X3761 ///

X3819 X3822 X3824 X3826 X3828 X3830 X7787 X6704 X3901 X3902 X3903 X3906 X7635 X3910 X7637 X3908 X7636 ///

X7633 X7638 X7634 X7639 X6705 X6706 X3913 X3915 X3923 X3924 X3925 X3926 X3927 X7642 X6668 X6669 ///

X3930 X3931 X3932 X6815 X6577 X4001 X4002 X4003 X4004 X4005 X4006 X4007 X4010 X4017 X4018 X4031 ///

X4032 X1705 X1805 X5729 X1715 X1815 X8000 X5910 Y1 X7401 X7402 X508 X3103 X7412 X7411 ///

X7020 X6530 X6531 X6772 X7510 X5801 X8022 X5804 X5809 X5814 X5818 X3905 X3907 X3909 X7631 X7632 ///

X3821 X3823 X3825 X3827 X3829 X7785 X6432 X7641 X7192 X3922 X7191 X6432 X6435 X6436 X6437 ///

X6439 X6704 X6421 X6706 X5702 X7508 X7650 X6765 X6766 X7362

///there are some missing values in the assets data that need to be changed to zero

foreach number in X513 X526 X7134 X716 X513 X526 X604 X614 X1306 X1325 X1310 X1329 X1339 X1706 X1806 ///

 X3129 X3130 X3230 X2422 X3506 X3510 X3514 X3518 X3522 X3526 X3529 X6551 X6559 X6567 X6552 X6560 ///

 X6568 X6553 X6561 X6569 X6554 X6562 X6570 X3721 X3730 X3736 X3742 X3748 X3754 X3760 X3822 X3824 X3826 ///

 X3828 X3830 X7787 X3902 X6756 X6757 X6758 X6704 X7635 X7637 X7636 X7638 X7639 X6706 X3915 X3930 X3932 ///

 X6577 X4006 X4018 X2002 X1705 X1706 X1805 X1806 {

 replace `number' = 0 if `number' == .

 }

///modifying "% house owned" question

replace X7134 = (X7134/1000)

///modifying "% timeshare owned" question

replace X1705 = (X1705/1000)

///modifying "% timeshare owned" question

replace X1805 = (X1805/1000)

///summing asset values

gen assets = X513 + X526 + (X7134 \* X716) + X604 + X614 + X1306 + X1325 + X1310 + X1329 + X1339 + X1706 + X1806 ///

+ X3129 + X3130 + X3230 + X2422 + X3506 + X3510 + X3514 + X3518 + X3522 + X3526 + X3529 + X6551 + X6559 + X6567 + X6552 + X6560 ///

+ X6568 + X6553 + X6561 + X6569 + X6554 + X6562 + X6570 + X3721 + X3730 + X3736 + X3742 + X3748 + X3754 + X3760 + X3822 + X3824 + X3826 + ///

X3828 + X3830 + X7787 + X3902 + X6756 + X6757 + X6758 + X6704 + X7635 + X7637 + X7636 + X7638 + X7639 + X6706 + X3915 + X3930 + X3932 + ///

X6577 + X4006 + X4018 + X2002 + (X1705 \* X1706) + (X1805 \* X1806)

///summing debt values

gen debts = X413 + X421 + X427 + X805 + X905 + X1005 + X1044 + X1108 + X1119 + X1130 + X1136 + X1215 + X1219 + X1318 + X1337 ///

 + X1715 + X1815 + X2218 + X2318 + X2418 + X7169 + X7970 + X7924 + X7947 + X7870 + X7847 + X7824 + X2723 + X2740 + X2823 + X2840 + X2923 ///

 + X2940 + X7183 + X4010 + X4032

///construct net worth variable

gen networth = (assets - debts)

///creating the poverty variable

gen ssi\_inc = X5720

gen income = X5729

replace income = 0 if X5729 <= 0 & X5720 > 0

drop if X5729 <= 0 & X5720 <= 0

replace income = X7362 if X7650 != 3

gen HH = X101

gen poverty = 0

replace poverty = 1 if income <= 11490 & HH ==1 | income <= 15510 & HH ==2 | income <= 19530 & HH ==3 | income <= 23550 & HH ==4 | income <= 27570 & HH ==5 | ///

income <= 31590 & HH ==6 | income <= 35610 & HH ==7 | income <= 39630 & HH == 8 | income <= 43650 & HH == 9 | income <= 47670 & HH == 10 | ///

income <= 51690 & HH == 11 | income <= 55710 & HH == 12

gen poverty150 = 0

replace poverty150 = 1 if income <= 11490\*1.5 & HH ==1 | income <= 15510\*1.5 & HH ==2 | income <= 19530\*1.5 & HH ==3 | income <= 23550\*1.5 & HH ==4 | income <= 27570\*1.5 & HH ==5 | ///

income <= 31590\*1.5 & HH ==6 | income <= 35610\*1.5 & HH ==7 | income <= 39630\*1.5 & HH == 8 | income <= 43650\*1.5 & HH == 9 | income <= 47670\*1.5 & HH == 10 | ///

income <= 51690\*1.5 & HH == 11 | income <= 55710\*1.5 & HH == 12

gen poverty200 = 0

replace poverty200 = 1 if income <= 11490\*2 & HH ==1 | income <= 15510\*2 & HH ==2 | income <= 19530\*2 & HH ==3 | income <= 23550\*2 & HH ==4 | income <= 27570\*2 & HH ==5 | ///

income <= 31590\*2 & HH ==6 | income <= 35610\*2 & HH ==7 | income <= 39630\*2 & HH == 8 | income <= 43650\*2 & HH == 9 | income <= 47670\*2 & HH == 10 | ///

income <= 51690\*2 & HH == 11 | income <= 55710\*2 & HH == 12

gen poverty500 = 0

replace poverty500 = 1 if income <= 11490\*5 & HH ==1 | income <= 15510\*5 & HH ==2 | income <= 19530\*5 & HH ==3 | income <= 23550\*5 & HH ==4 | income <= 27570\*5 & HH ==5 | ///

income <= 31590\*5 & HH ==6 | income <= 35610\*5 & HH ==7 | income <= 39630\*5 & HH == 8 | income <= 43650\*5 & HH == 9 | income <= 47670\*5 & HH == 10 | ///

income <= 51690\*5 & HH == 11 | income <= 55710\*5 & HH == 12

gen poverty1000 = 0

replace poverty1000 = 1 if income <= 11490\*10 & HH ==1 | income <= 15510\*10 & HH ==2 | income <= 19530\*10 & HH ==3 | income <= 23550\*10 & HH ==4 | income <= 27570\*10 & HH ==5 | ///

income <= 31590\*10 & HH ==6 | income <= 35610\*10 & HH ==7 | income <= 39630\*10 & HH == 8 | income <= 43650\*10 & HH == 9 | income <= 47670\*10 & HH == 10 | ///

income <= 51690\*10 & HH == 11 | income <= 55710\*10 & HH == 12

gen poverty2000 = 0

replace poverty2000 = 1 if income <= 11490\*20 & HH ==1 | income <= 15510\*20 & HH ==2 | income <= 19530\*20 & HH ==3 | income <= 23550\*20 & HH ==4 | income <= 27570\*20 & HH ==5 | ///

income <= 31590\*20 & HH ==6 | income <= 35610\*20 & HH ==7 | income <= 39630\*20 & HH == 8 | income <= 43650\*20 & HH == 9 | income <= 47670\*20 & HH == 10 | ///

income <= 51690\*20 & HH == 11 | income <= 55710\*20 & HH == 12

gen homeown = 0

replace homeown = 1 if X701 == 1

label define racename 1 "White" 2 "African American" 3 "Latinx" 4 "Asian" 5 "Other" 6 "Other" -7 "Other"

label values X6809 racename

decode X6809, generate(race)

gen bankrupt = 0

replace bankrupt = 1 if X6772 ==1

gen bnkrp\_pov = bankrupt \* poverty

gen marriage = 0

replace marriage = 1 if X7372 == 1 & X7018 == 1 & X7020 == 2

gen nonmarriage = 0

replace nonmarriage = 1 if X7372 != 1 & X7018 != 1 & X7020 == 2

gen single = 0

replace single = 1 if X7020 == 1

//according to the "Unit of Analysis" section of the codebook, the "head" of the household is the man in a mixed-sex couple

///or the older person of a same-sex couple.

///then, when the respondent was someone other than the man/older person, the X8000 variable swaps them

///meaning that X8000=1 is when the respondent is the woman and/or younger person of a same-sex couple

///The "fhh" variable was determined by the woman in the spouse relationship working more hours than the man (X4710 > X4110 unles X8000 == 1)

///however, if they both worked the same hours, fhh had the woman as the primary respondent

gen fhh = 0

replace fhh = 1 if X7020 == 1 & X8021 == 2

replace fhh = 1 if X8000 == 5 & (X4110 < X4710)

replace fhh = 1 if X8000 == 1 & (X4110 > X4710)

replace fhh = 1 if X8000 == 1 & (X4110 == X4710)

gen age = X8022

gen pov\_nonmarriage = nonmarriage \* poverty

gen pov\_single = single \* poverty

gen fhh\_poverty = poverty \* fhh

gen pov150\_nonmarriage = nonmarriage \* poverty150

gen fhh\_poverty150 = poverty150 \* fhh

gen pov200\_nonmarriage = nonmarriage \* poverty200

gen fhh\_poverty200 = poverty200 \* fhh

gen pov500\_nonmarriage = nonmarriage \* poverty500

gen fhh\_poverty500 = poverty500 \* fhh

gen pov1000\_nonmarriage = nonmarriage \* poverty1000

gen fhh\_poverty1000 = poverty1000 \* fhh

gen pov2000\_nonmarriage = nonmarriage \* poverty2000

gen fhh\_poverty2000 = poverty2000 \* fhh

gen kids = 0

replace kids = 1 if X102 == 4 | X108 == 4 | X114 == 4 | X120 == 4 | X126 == 4 | X132 == 4 | X202 == 4 | ///

X208 == 4 | X214 == 4 | X220 == 4 | X226 == 4

///weighting process

egen rep = seq(), f(1) t(5)

merge 1:1 Y1 using $summary16, force

keep Y1 rep wgt networth income age poverty race ///

fhh fhh\_poverty poverty150 poverty200 ///

pov\_nonmarriage marriage nonmarriage ///

single pov\_single bnkrp\_pov bankrupt homeown ///

pov150\_nonmarriage pov200\_nonmarriage fhh\_poverty150 fhh\_poverty200 ///

poverty500 pov500\_nonmarriage fhh\_poverty500 ///

poverty1000 pov1000\_nonmarriage fhh\_poverty1000 ///

poverty2000 pov2000\_nonmarriage fhh\_poverty2000 kids

merge 1:1 Y1 using $weights16, force

rename WT\*, lower

rename MM\*, lower

mi svyset [pw=wgt], bsrweight(wt1b1-wt1b999) vce(bootstrap)

///scfcombo networth poverty nonmarriage pov\_nonmarriage age [aw=wgt], command(regress) reps(200) imps(5)

gen age2 = age^2

gen year = 2016

save "survey16final3.dta", replace

use "survey01final3.dta", clear

append using "survey04final3.dta"

append using "survey07final3.dta"

append using "survey10final3.dta"

append using "survey13final3.dta"

append using "survey16final3.dta"

save "survey01to16final3.dta", replace

////MAIN RESULTS

clear

use "survey01to16final3.dta", clear

tab race

sum networth income poverty fhh fhh\_poverty single [w=wgt], detail

micombine regress networth poverty fhh fhh\_poverty [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

micombine regress networth poverty fhh fhh\_poverty single [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

drop if single == 1

///create common support

micombine regress networth poverty nonmarriage pov\_nonmarriage [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

micombine regress networth poverty nonmarriage pov\_nonmarriage kids [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

micombine regress networth poverty nonmarriage pov\_nonmarriage age [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

micombine regress networth poverty nonmarriage pov\_nonmarriage age kids [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

micombine regress networth poverty nonmarriage pov\_nonmarriage age age2 [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

tab race

sum networth income poverty nonmarriage pov\_nonmarriage age [w=wgt], detail

regress networth poverty nonmarriage pov\_nonmarriage age [pw=wgt]

test pov\_nonmarriage = - nonmarriage

///controling for kids

use "survey01to16final3.dta", clear

micombine regress networth poverty fhh fhh\_poverty [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

micombine regress networth poverty fhh fhh\_poverty single [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

micombine regress networth poverty fhh fhh\_poverty kids [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

micombine regress networth poverty fhh fhh\_poverty single kids [pw=wgt], impid(rep) obsid(rep)

test fhh\_poverty = - fhh

drop if single == 1

gen decades = 0

replace decades = 10 if age >= 10 & age < 20

replace decades = 20 if age >= 20 & age < 30

replace decades = 30 if age >= 30 & age < 40

replace decades = 40 if age >= 40 & age < 50

replace decades = 50 if age >= 50 & age < 60

replace decades = 60 if age >= 60 & age < 70

replace decades = 70 if age >= 70 & age < 80

replace decades = 80 if age >= 80 & age < 90

replace decades = 90 if age >= 90 & age < 100

micombine regress networth poverty nonmarriage pov\_nonmarriage [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

micombine regress networth poverty nonmarriage pov\_nonmarriage kids [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

micombine regress networth poverty nonmarriage pov\_nonmarriage decades [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

drop if decades == 10 | decades == 80 | decades == 90

micombine regress networth poverty nonmarriage pov\_nonmarriage decades kids [pw=wgt], impid(rep) obsid(rep)

test pov\_nonmarriage = - nonmarriage

////OMV Bias analysis

use "survey01to16final3.dta", clear

micombine regress single fhh [pw=wgt], impid(rep) obsid(rep)

micombine regress networth single [pw=wgt], impid(rep) obsid(rep)

micombine regress kids fhh [pw=wgt], impid(rep) obsid(rep)

micombine regress networth kids [pw=wgt], impid(rep) obsid(rep)

drop if single == 1

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

micombine regress age nonmarriage [pw=wgt], impid(rep) obsid(rep)

micombine regress networth age [pw=wgt], impid(rep) obsid(rep)

micombine regress kids nonmarriage [pw=wgt], impid(rep) obsid(rep)

///coefficient on NonM -.0837157

micombine regress networth kids [pw=wgt], impid(rep) obsid(rep)

///coefficient on kids -609280.3

///Falsification test

use "survey01to16final3.dta", clear

gen afam = 0

replace afam = 1 if race == "African American"

micombine regress networth poverty bankrupt bnkrp\_pov [pw=wgt], impid(rep) obsid(rep)

test bnkrp\_pov = - bankrupt

micombine regress networth poverty bankrupt bnkrp\_pov afam [pw=wgt], impid(rep) obsid(rep)

test bnkrp\_pov = - bankrupt

regress networth poverty bankrupt bnkrp\_pov [pw=wgt]

regress networth poverty bankrupt bnkrp\_pov afam [pw=wgt]

///Averages

use "survey01to16final3.dta", clear

mean networth [pw=wgt] if poverty == 0 & fhh == 0 & single == 0

mean networth [pw=wgt] if poverty == 0 & fhh == 1 & single == 0

mean networth [pw=wgt] if poverty == 1 & fhh == 0 & single == 0

mean networth [pw=wgt] if poverty == 1 & fhh == 1 & single == 0

mean networth [pw=wgt] if poverty == 0 & fhh == 0 & single == 1

mean networth [pw=wgt] if poverty == 0 & fhh == 1 & single == 1

mean networth [pw=wgt] if poverty == 1 & fhh == 0 & single == 1

mean networth [pw=wgt] if poverty == 1 & fhh == 1 & single == 1

use "survey01to16final3.dta", clear

drop if single == 1

mean networth [pw=wgt] if poverty == 0 & nonmarriage == 0 & age > 35

mean networth [pw=wgt] if poverty == 0 & nonmarriage == 1 & age > 35

mean networth [pw=wgt] if poverty == 1 & nonmarriage == 0 & age > 35

mean networth [pw=wgt] if poverty == 1 & nonmarriage == 1 & age > 35

///Single-difference comparisons

use "survey01to16final3.dta", clear

drop if poverty == 0

micombine regress networth fhh single [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if poverty == 1

micombine regress networth fhh single [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if fhh == 0

micombine regress networth poverty single [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if fhh == 1

micombine regress networth poverty single [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

drop if single == 1

drop if poverty == 0

micombine regress networth nonmarriage [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

drop if single == 1

drop if poverty == 1

micombine regress networth nonmarriage [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

drop if single == 1

drop if nonmarriage == 0

micombine regress networth poverty [pw=wgt], impid(rep) obsid(rep)

clear

use "survey01to16final3.dta", clear

drop if age == 18 | age == 19 | age == 57 | age == 58 | age == 65 | age == 66 | age == 69 | age == 70 | age == 71 | ///

age == 72 | age == 73 | age == 75 | age == 76 | age == 79 | age == 80 | age == 83 | age > 84

drop if single == 1

drop if nonmarriage == 1

micombine regress networth poverty [pw=wgt], impid(rep) obsid(rep)

clear

///testing common support

foreach number in 0 1 {

 di "the number of MHHs above poverty with single indicator `number' is"

 count if single == `number' & fhh == 0 & poverty == 0

 di "the number of FHHs above poverty with single indicator `number' is"

 count if single == `number' & fhh == 1 & poverty == 0

 di "the number of MHHs in poverty with single indicator `number' is"

 count if single == `number' & fhh == 0 & poverty == 1

 di "the number of FHHs in poverty with single indicator `number' is"

 count if single == `number' & fhh == 1 & poverty == 1

 }

drop if single == 1

foreach number in 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 38 40 ///

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 ///

70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 {

 di "the number of married people above poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 0

 di "the number of unmarried people above poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 0

 di "the number of married people in poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 1

 di "the number of unmarried people in poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 1

 }

///common support including kids and age

foreach number in 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 38 40 ///

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 ///

70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 {

 di "the number of married people above poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 0 & kids == 1

 di "the number of unmarried people above poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 0 & kids == 1

 di "the number of married people in poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 1 & kids == 1

 di "the number of unmarried people in poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 1 & kids == 1

 di "the number of married people above poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 0 & kids == 0

 di "the number of unmarried people above poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 0 & kids == 0

 di "the number of married people in poverty age `number' is"

 count if age == `number' & nonmarriage == 0 & poverty == 1 & kids == 0

 di "the number of unmarried people in poverty age `number' is"

 count if age == `number' & nonmarriage == 1 & poverty == 1 & kids == 0

 }

///common support including kids and decades

foreach number in 10 20 30 40 50 60 70 80 90 {

 di "the number of married people above poverty age `number' is"

 count if decades == `number' & nonmarriage == 0 & poverty == 0 & kids == 1

 di "the number of unmarried people above poverty age `number' is"

 count if decades == `number' & nonmarriage == 1 & poverty == 0 & kids == 1

 di "the number of married people in poverty age `number' is"

 count if decades == `number' & nonmarriage == 0 & poverty == 1 & kids == 1

 di "the number of unmarried people in poverty age `number' is"

 count if decades == `number' & nonmarriage == 1 & poverty == 1 & kids == 1

 di "the number of married people above poverty age `number' is"

 count if decades == `number' & nonmarriage == 0 & poverty == 0 & kids == 0

 di "the number of unmarried people above poverty age `number' is"

 count if decades == `number' & nonmarriage == 1 & poverty == 0 & kids == 0

 di "the number of married people in poverty age `number' is"

 count if decades == `number' & nonmarriage == 0 & poverty == 1 & kids == 0

 di "the number of unmarried people in poverty age `number' is"

 count if decades == `number' & nonmarriage == 1 & poverty == 1 & kids == 0

 }

///testing common support kids

foreach number in 0 1 {

 di "the number of married people above poverty with kids indicator `number' is"

 count if kids == `number' & nonmarriage == 0 & poverty == 0

 di "the number of unmarried people above poverty with kids indicator `number' is"

 count if kids == `number' & nonmarriage == 1 & poverty == 0

 di "the number of married people in poverty with kids indicator `number' is"

 count if kids == `number' & nonmarriage == 0 & poverty == 1

 di "the number of unmarried people in poverty with kdis indicator `number' is"

 count if kids == `number' & nonmarriage == 1 & poverty == 1

 }

\*\*\* Survey of Income and Program Participation \*\*\*

///note: the below file names are not the names from the Census Bureau website

clear

///these are the datasets for each wave

use "/[your filepath]/wave\_1app.dta"

append using "/[your filepath]/wave\_2app.dta"

append using "/[your filepath]/wave\_3app.dta"

append using "/[your filepath]/wave\_4app.dta"

save "/[your filepath]/wave\_1to4.dta", replace

clear

///multiplying variables

clear

use "/[your filepath]/wave\_1to4.dta"

replace thtotinc = thtotinc \*12

replace rhpov = rhpov \*12

save "/[your filepath]/wave\_1to4.dta", replace

clear

///reworking data wave 1

use "/[your filepath]/wave\_1app.dta", clear

label define racename 1 "White" 2 "African American" 3 "Asian" 4 "Other"

label values erace racename

decode erace, generate(race)

tab race

replace thtotinc = thtotinc \*12

replace rhpov = rhpov \*12

save "/[your filepath]/wave\_1only.dta", replace

///Married vs. Unmarried all 4 waves

clear

use "/[your filepath]/wave\_1to4.dta"

gen hhage = tage if (erelrpe == 1 | erelrpe == 2)

collapse (min) hhage, by(ssuid)

save "/[your filepath]/data\_wave\_1to4app\_coll.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_a.dta", replace

drop if erelrpe == .

gen non\_marr = .

replace non\_marr = 1 if erelrpe == 4 | erelrpe == 6

collapse (min) non\_marr, by(ssuid)

save "/[your filepath]/wave\_1to4\_coll40.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_a.dta"

replace non\_marr = 0 if non\_marr == .

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_b.dta", replace

gen marr = .

replace marr = 1 if erelrpe == 3 | erelrpe == 5

collapse (min) marr, by(ssuid)

save "/[your filepath]/wave\_1to4\_coll41.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_b.dta"

sort ssuid

drop \_merge

replace marr = 0 if marr == .

count if non\_marr == 1 & marr == 1

replace non\_marr = 0 if marr == 1

save "/[your filepath]/wave\_1to4\_c.dta", replace

gen poverty = 0

replace poverty = 1 if (thtotinc/rhpov) < 1

gen pov\_nonmarr = 0

replace pov\_nonmarr = 1 if poverty == 1 & non\_marr == 1

gen hhage2 = hhage^2

save "/[your filepath]/wave\_1to4\_NonM.dta", replace

use "/[your filepath]/wave\_1to4\_NonM.dta", clear

reg thnetworth poverty non\_marr pov\_nonmarr hhage wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

reg thnetworth poverty non\_marr pov\_nonmarr wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

count

tab race

sum thnetworth thtotinc poverty non\_marr pov\_nonmarr hhage [w=wpfinwgt], detail

///Married vs. Unmarried wave 1 only

use "/[your filepath]/wave\_1only.dta", clear

gen hhage = tage if (erelrpe == 1 | erelrpe == 2)

collapse (min) hhage, by(ssuid)

save "/[your filepath]/data\_wave\_1to4app\_coll2.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1only\_a.dta", replace

drop if erelrpe == .

gen non\_marr = .

replace non\_marr = 1 if erelrpe == 4 | erelrpe == 6

collapse (min) non\_marr, by(ssuid)

save "/[your filepath]/wave\_1only\_coll40.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only\_a.dta"

replace non\_marr = 0 if non\_marr == .

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1only\_b.dta", replace

gen marr = .

replace marr = 1 if erelrpe == 3 | erelrpe == 5

collapse (min) marr, by(ssuid)

save "/[your filepath]/wave\_1only\_coll41.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only\_b.dta"

sort ssuid

drop \_merge

replace marr = 0 if marr == .

count if non\_marr == 1 & marr == 1

save "/[your filepath]/wave\_1only\_c.dta", replace

gen kids = .

replace kids = 1 if erelrpe == 7

collapse (min) kids, by(ssuid)

merge 1:m ssuid using "/[your filepath]/wave\_1only\_c.dta"

sort ssuid

replace kids = 0 if kids == .

drop \_merge

save "/[your filepath]/wave\_1only\_NonM.dta", replace

gen poverty = 0

replace poverty = 1 if (thtotinc/rhpov) < 1

gen pov\_nonmarr = 0

replace pov\_nonmarr = 1 if poverty == 1 & non\_marr == 1

gen hhage2 = hhage^2

keep if erelrpe == 1 | erelrpe == 2

save "/[your filepath]/wave\_1only\_NonM.dta", replace

use "/[your filepath]/wave\_1only\_NonM.dta", clear

reg thnetworth poverty non\_marr pov\_nonmarr [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

reg thnetworth poverty non\_marr pov\_nonmarr kids [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

///create common support

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg thnetworth poverty non\_marr pov\_nonmarr hhage [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

drop if hhage == 18 | hhage == 60 | hhage == 61 | hhage > 62

reg thnetworth poverty non\_marr pov\_nonmarr hhage kids [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

count

tab race

sum thnetworth thtotinc poverty non\_marr pov\_nonmarr hhage [w=wpfinwgt], detail

///testing common support

foreach number in 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 38 40 ///

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 ///

70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 {

 di "the number of married people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 0

 di "the number of unmarried people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 0

 di "the number of married people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 1

 di "the number of unmarried people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 1

 }

foreach number in 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 38 40 ///

41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 ///

70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 {

 di "the number of married people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 0 & kids == 1

 di "the number of unmarried people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 0 & kids == 1

 di "the number of married people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 1 & kids == 1

 di "the number of unmarried people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 1 & kids == 1

 di "the number of married people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 0 & kids == 0

 di "the number of unmarried people above poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 0 & kids == 0

 di "the number of married people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 0 & poverty == 1 & kids == 0

 di "the number of unmarried people in poverty age `number' is"

 count if hhage == `number' & non\_marr == 1 & poverty == 1 & kids == 0

 }

///Female vs male-headed households all 4 waves

clear

use "/[your filepath]/wave\_1to4.dta"

drop if erelrpe == .

generate fhh = .

replace fhh = 1 if erelrpe == 1 & esex == 2

replace fhh = 1 if erelrpe == 2 & esex == 2

replace fhh = 0 if erelrpe == 1 & esex == 1

replace fhh = 0 if erelrpe == 2 & esex == 1

collapse (min) fhh, by(ssuid)

save "/[your filepath]/wave\_1to4\_coll3.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_2.dta", replace

gen single = .

replace single = 0 if erelrpe == 3 | erelrpe == 4 | erelrpe == 5 | erelrpe == 6

collapse (min) single, by(ssuid)

save "/[your filepath]/data\_wave\_1to4app\_coll4.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_2.dta"

sort ssuid

replace single = 1 if single == .

drop \_merge

gen poverty = 0

replace poverty = 1 if (thtotinc/rhpov) < 1

gen pov\_fhh = 0

replace pov\_fhh = 1 if poverty == 1 & fhh == 1

keep if erelrpe == 1 | erelrpe == 2

save "/[your filepath]/wave\_1to4\_FHH.dta", replace

use "/[your filepath]/wave\_1to4\_FHH.dta", clear

reg thnetworth poverty fhh pov\_fhh single wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_fhh = - fhh

count

tab race

sum thnetworth thtotinc poverty fhh pov\_fhh single [w=wpfinwgt], detail

///Female vs male-headed households, wave 1 only

clear

use "/[your filepath]/wave\_1only.dta", clear

drop if erelrpe == .

generate fhh = .

replace fhh = 1 if erelrpe == 1 & esex == 2

replace fhh = 1 if erelrpe == 2 & esex == 2

replace fhh = 0 if erelrpe == 1 & esex == 1

replace fhh = 0 if erelrpe == 2 & esex == 1

collapse (min) fhh, by(ssuid)

save "/[your filepath]/wave\_1only\_coll5.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1only2.dta", replace

gen single = .

replace single = 0 if erelrpe == 3 | erelrpe == 4 | erelrpe == 5 | erelrpe == 6

collapse (min) single, by(ssuid)

save "/[your filepath]/wave\_1only\_coll6.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only2.dta"

sort ssuid

replace single = 1 if single == .

drop \_merge

save "/[your filepath]/wave\_1only2a.dta", replace

gen kids = .

replace kids = 1 if erelrpe == 7

collapse (min) kids, by(ssuid)

merge 1:m ssuid using "/[your filepath]/wave\_1only2a.dta"

sort ssuid

replace kids = 0 if kids == .

drop \_merge

save "/[your filepath]/wave\_1only2b.dta", replace

gen poverty = 0

replace poverty = 1 if (thtotinc/rhpov) < 1

gen pov\_fhh = 0

replace pov\_fhh = 1 if poverty == 1 & fhh == 1

save "/[your filepath]/wave\_1only\_FHH.dta", replace

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

reg thnetworth poverty fhh pov\_fhh [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh single [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh kids [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh kids single [pw=wpfinwgt]

test pov\_fhh = - fhh

///OMV Bias

reg kids fhh [pw=wpfinwgt]

reg thnetworth kids [pw=wpfinwgt]

count

tab race

sum thnetworth thtotinc poverty fhh pov\_fhh single [w=wpfinwgt], detail

foreach number in 0 1 {

 di "the number of MHHs above poverty with single indicator `number' is"

 count if single == `number' & fhh == 0 & poverty == 0

 di "the number of FHHs above poverty with single indicator `number' is"

 count if single == `number' & fhh == 1 & poverty == 0

 di "the number of MHHs in poverty with single indicator `number' is"

 count if single == `number' & fhh == 0 & poverty == 1

 di "the number of FHHs in poverty with single indicator `number' is"

 count if single == `number' & fhh == 1 & poverty == 1

 }

///OMV Analysis

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

reg single fhh [pw=wpfinwgt]

reg thnetworth single [pw=wpfinwgt]

use "/[your filepath]/wave\_1only\_NonM.dta", clear

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg hhage non\_marr [pw=wpfinwgt]

reg thnetworth hhage [pw=wpfinwgt]

reg kids non\_marr [pw=wpfinwgt]

///coefficient on non\_marr is .0002168

reg thnetworth kids [pw=wpfinwgt]

///coefficient on kids is -105497.1

///Single-difference comparisons: Nonmarriage

use "/[your filepath]/wave\_1only\_NonM.dta", clear

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

drop if poverty == 0

reg thnetworth non\_marr hhage [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_NonM.dta", clear

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

drop if poverty == 1

reg thnetworth non\_marr hhage [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_NonM.dta", clear

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

drop if non\_marr == 0

reg thnetworth poverty hhage [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_NonM.dta", clear

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

drop if non\_marr == 1

reg thnetworth poverty hhage [pw=wpfinwgt]

clear

///Single-difference comparisons: Female-headed household

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

drop if poverty == 0

reg thnetworth fhh single [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

drop if poverty == 1

reg thnetworth fhh single [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

drop if fhh == 0

reg thnetworth poverty single [pw=wpfinwgt]

clear

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

drop if fhh == 1

reg thnetworth poverty single [pw=wpfinwgt]

clear

///Straight Averages

use "/[your filepath]/wave\_1only\_NonM.dta", clear

mean thnetworth [pw=wpfinwgt] if poverty == 0 & non\_marr == 0 & hhage > 35

mean thnetworth [pw=wpfinwgt] if poverty == 0 & non\_marr == 1 & hhage > 35

mean thnetworth [pw=wpfinwgt] if poverty == 1 & non\_marr == 0 & hhage > 35

mean thnetworth [pw=wpfinwgt] if poverty == 1 & non\_marr == 1 & hhage > 35

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

mean thnetworth if poverty == 0 & fhh == 0 & single == 0 [pw=wpfinwgt]

mean thnetworth if poverty == 0 & fhh == 1 & single == 0 [pw=wpfinwgt]

mean thnetworth if poverty == 1 & fhh == 0 & single == 0 [pw=wpfinwgt]

mean thnetworth if poverty == 1 & fhh == 1 & single == 0 [pw=wpfinwgt]

mean thnetworth if poverty == 0 & fhh == 0 & single == 1 [pw=wpfinwgt]

mean thnetworth if poverty == 0 & fhh == 1 & single == 1 [pw=wpfinwgt]

mean thnetworth if poverty == 1 & fhh == 0 & single == 1 [pw=wpfinwgt]

mean thnetworth if poverty == 1 & fhh == 1 & single == 1 [pw=wpfinwgt]

///Summary Findings

use "/[your filepath]/wave\_1to4\_NonM.dta", clear

reg thnetworth poverty non\_marr pov\_nonmarr hhage wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

reg thnetworth poverty non\_marr pov\_nonmarr wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

count

tab race

sum thnetworth thtotinc poverty non\_marr pov\_nonmarr hhage [w=wpfinwgt], detail

use "/[your filepath]/wave\_1only\_NonM.dta", clear

reg thnetworth poverty non\_marr pov\_nonmarr hhage [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

reg thnetworth poverty non\_marr pov\_nonmarr [pw=wpfinwgt]

test pov\_nonmarr = - non\_marr

count

tab race

sum thnetworth thtotinc poverty non\_marr pov\_nonmarr hhage [w=wpfinwgt], detail

use "/[your filepath]/wave\_1to4\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

reg thnetworth poverty fhh pov\_fhh single wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh wave2 wave3 wave4 [pw=wpfinwgt]

test pov\_fhh = - fhh

count

tab race

sum thnetworth thtotinc poverty fhh pov\_fhh single [w=wpfinwgt], detail

use "/[your filepath]/wave\_1only\_FHH.dta", clear

keep if erelrpe == 1 | erelrpe == 2

reg thnetworth poverty fhh pov\_fhh single [pw=wpfinwgt]

test pov\_fhh = - fhh

reg thnetworth poverty fhh pov\_fhh [pw=wpfinwgt]

test pov\_fhh = - fhh

count

tab race

sum thnetworth thtotinc poverty fhh pov\_fhh single [w=wpfinwgt], detail

///Falsification test

use "/[your filepath]/wave\_1only.dta", clear

gen pfemale = 0

replace pfemale = 1 if esex == 2

collapse (mean) pfemale, by(ssuid)

save "/[your filepath]/wave\_1only\_coll2.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only.dta"

sort ssuid

gen poverty = 0

replace poverty = 1 if (thtotinc/rhpov) < 1

gen pov\_pfem = 0

replace pov\_pfem = poverty \* pfemale

reg thnetworth poverty pfemale pov\_pfem [pw=wpfinwgt]

test pov\_pfem = - pfemale

///Falsification controlling for FHH

use "/[your filepath]/wave\_1only\_FHH.dta", clear

gen pfemale = 0

replace pfemale = 1 if esex == 2

collapse (mean) pfemale, by(ssuid)

save "/[your filepath]/wave\_1only\_coll2.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1only\_FHH.dta"

sort ssuid

gen pov\_pfem = 0

replace pov\_pfem = poverty \* pfemale

reg thnetworth poverty pfemale pov\_pfem fhh [pw=wpfinwgt]

test pov\_pfem = - pfemale

////Secondary Hypothesis: Nonmarriage

clear

use "/[your filepath]/wave\_1to4\_NonM.dta"

gen pov\_perc = poverty

collapse (mean) pov\_perc, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll7.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonM.dta"

sort ssuid

drop \_merge

gen change = 1

replace change = 0 if pov\_perc == 1

replace change = 0 if pov\_perc == 0

save "/[your filepath]/wave\_1to4\_NonMfinal.dta", replace

gen start\_poor = 0

replace start\_poor = 1 if poverty == 1 & monthcode == 1 & wave2 == 0 & wave3 == 0 & wave4 == 0

collapse (max) start\_poor, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll8.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal.dta"

sort ssuid

gen leftpov = start\_poor \* change

count

sum poverty start\_poor change leftpov non\_marr hhage [w=wpfinwgt], detail

keep if start\_poor == 1

count

sum poverty start\_poor change leftpov non\_marr hhage [w=wpfinwgt], detail

reg change non\_marr wave2 wave3 wave4 [pw=wpfinwgt]

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg change non\_marr hhage wave2 wave3 wave4 [pw=wpfinwgt]

///OMV analysis

///drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg hhage non\_marr wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on non\_marr -8.383126

reg leftpov hhage wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on hhage -.0016789

////Secondary Hypothesis: FHH

use "/[your filepath]/wave\_1to4\_FHH.dta", clear

gen pov\_perc = poverty

collapse (mean) pov\_perc, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll9.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHH.dta"

sort ssuid

gen change = 1

replace change = 0 if pov\_perc == 1

replace change = 0 if pov\_perc == 0

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal.dta", replace

gen start\_poor = 0

replace start\_poor = 1 if poverty == 1 & monthcode == 1 & wave2 == 0 & wave3 == 0 & wave4 == 0

collapse (max) start\_poor, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll10.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal.dta"

sort ssuid

gen leftpov = start\_poor \* change

keep if erelrpe == 1 | erelrpe == 2

count

sum fhh change start\_poor leftpov poverty single [w=wpfinwgt], detail

keep if start\_poor == 1

count

sum fhh change start\_poor leftpov poverty single [w=wpfinwgt], detail

reg change fhh wave2 wave3 wave4 [pw=wpfinwgt]

reg change fhh single wave2 wave3 wave4 [pw=wpfinwgt]

///OMV analysis

reg single fhh wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on fhh .2249049

reg leftpov single wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on single .0824216

///Note: here is a another way to test leaving poverty

///stable income: FHH

use "/[your filepath]/wave\_1to4\_FHH.dta", clear

///first label all households by final wave participated

collapse (max) wave4, by(ssuid)

gen maxwave4 = 0

replace maxwave4 = 1 if wave4 == 1

drop wave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHH.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHa.dta", replace

collapse (max) wave3 maxwave4, by(ssuid)

gen maxwave3 = 0

replace maxwave3 = 1 if wave3 == 1 & maxwave4 == 0

drop wave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHa.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHb.dta", replace

collapse (max) wave2 maxwave3 maxwave4, by(ssuid)

gen maxwave2 = 0

replace maxwave2 = 1 if wave2 == 1 & maxwave3 == 0 & maxwave4 == 0

drop wave2 maxwave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHb.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHc.dta", replace

collapse (max) maxwave2 maxwave3 maxwave4, by(ssuid)

gen maxwave1 = 0

replace maxwave1 = 1 if maxwave2 == 0 & maxwave3 == 0 & maxwave4 == 0

drop maxwave2 maxwave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHc.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHd.dta", replace

///next, create variables

gen start\_poor = 0

replace start\_poor = 1 if poverty == 1 & monthcode == 1 & wave2 == 0 & wave3 == 0 & wave4 == 0

collapse (max) start\_poor, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll15.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHd.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal3.dta", replace

gen stable\_inc\_7 = 0

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_7, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll19.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal3.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal4.dta", replace

gen stable\_inc\_8 = 0

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_8, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll20.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal4.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal5.dta", replace

gen stable\_inc\_9 = 0

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_9, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll21.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal5.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal6.dta", replace

gen stable\_inc\_10 = 0

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_10, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll22.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal6.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal7.dta", replace

gen stable\_inc\_11 = 0

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_11, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll23.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal7.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal8.dta", replace

gen stable\_inc\_12 = 0

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_12, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll24.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal8.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_FHHfinal9.dta", replace

gen stable\_6mo = 0

replace stable\_6mo = 1 if stable\_inc\_7 == 1 & stable\_inc\_8 == 1 & stable\_inc\_9 == 1 & stable\_inc\_10 == 1 & stable\_inc\_11 == 1 & stable\_inc\_12 == 1

collapse (max) stable\_6mo, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll25.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_FHHfinal9.dta"

sort ssuid

drop \_merge

gen outpov = start\_poor \* stable\_6mo

keep if erelrpe == 1 | erelrpe == 2

count

sum fhh start\_poor outpov stable\_6mo poverty single [w=wpfinwgt], detail

keep if start\_poor == 1

count

sum fhh start\_poor outpov stable\_6mo poverty single [w=wpfinwgt], detail

reg stable\_6mo fhh wave2 wave3 wave4 [pw=wpfinwgt]

reg stable\_6mo fhh single wave2 wave3 wave4 [pw=wpfinwgt]

///OMV analysis

reg single fhh wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on fhh .2249049

reg outpov single wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on single .0300559

///Exit poverty: NonM

use "/[your filepath]/wave\_1to4\_NonM.dta", clear

///first label all households by final wave participated

collapse (max) wave4, by(ssuid)

gen maxwave4 = 0

replace maxwave4 = 1 if wave4 == 1

drop wave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonM.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMa.dta", replace

collapse (max) wave3 maxwave4, by(ssuid)

gen maxwave3 = 0

replace maxwave3 = 1 if wave3 == 1 & maxwave4 == 0

drop wave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMa.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMb.dta", replace

collapse (max) wave2 maxwave3 maxwave4, by(ssuid)

gen maxwave2 = 0

replace maxwave2 = 1 if wave2 == 1 & maxwave3 == 0 & maxwave4 == 0

drop wave2 maxwave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMb.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMc.dta", replace

collapse (max) maxwave2 maxwave3 maxwave4, by(ssuid)

gen maxwave1 = 0

replace maxwave1 = 1 if maxwave2 == 0 & maxwave3 == 0 & maxwave4 == 0

drop maxwave2 maxwave3 maxwave4

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMc.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMd.dta", replace

///next, create variables

gen start\_poor = 0

replace start\_poor = 1 if poverty == 1 & monthcode == 1 & wave2 == 0 & wave3 == 0 & wave4 == 0

collapse (max) start\_poor, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll26.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMd.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal10.dta", replace

gen stable\_inc\_7 = 0

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_7 = 1 if poverty == 0 & monthcode == 7 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_7, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll27.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal10.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal11.dta", replace

gen stable\_inc\_8 = 0

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_8 = 1 if poverty == 0 & monthcode == 8 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_8, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll28.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal11.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal12.dta", replace

gen stable\_inc\_9 = 0

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_9 = 1 if poverty == 0 & monthcode == 9 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_9, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll29.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal12.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal13.dta", replace

gen stable\_inc\_10 = 0

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_10 = 1 if poverty == 0 & monthcode == 10 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_10, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll30.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal13.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal14.dta", replace

gen stable\_inc\_11 = 0

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_11 = 1 if poverty == 0 & monthcode == 11 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_11, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll31.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal14.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal15.dta", replace

gen stable\_inc\_12 = 0

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave4 == 1 & maxwave4 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave3 == 1 & maxwave3 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave2 == 1 & maxwave2 == 1

replace stable\_inc\_12 = 1 if poverty == 0 & monthcode == 12 & wave2 == 0 & wave3 == 0 & wave4 == 0 & maxwave1 == 1

collapse (max) stable\_inc\_12, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll32.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal15.dta"

sort ssuid

drop \_merge

save "/[your filepath]/wave\_1to4\_NonMfinal16.dta", replace

gen stable\_6mo = 0

replace stable\_6mo = 1 if stable\_inc\_7 == 1 & stable\_inc\_8 == 1 & stable\_inc\_9 == 1 & stable\_inc\_10 == 1 & stable\_inc\_11 == 1 & stable\_inc\_12 == 1

collapse (max) stable\_6mo, by(ssuid)

save "/[your filepath]/wave\_1to4app\_coll33.dta", replace

merge 1:m ssuid using "/[your filepath]/wave\_1to4\_NonMfinal16.dta"

sort ssuid

drop \_merge

gen outpov = start\_poor \* stable\_6mo

count

sum start\_poor stable\_6mo poverty non\_marr outpov hhage [w=wpfinwgt], detail

keep if start\_poor == 1

count

sum start\_poor stable\_6mo poverty non\_marr outpov hhage [w=wpfinwgt], detail

reg stable\_6mo non\_marr wave2 wave3 wave4 [pw=wpfinwgt]

drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg stable\_6mo non\_marr hhage wave2 wave3 wave4 [pw=wpfinwgt]

///OMV analysis

///drop if hhage == 18 | hhage == 65 | hhage == 67 | hhage == 69 | hhage == 70 | hhage == 74 | hhage > 74

reg hhage non\_marr wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on non\_marr -8.383126

reg outpov hhage wave2 wave3 wave4 [pw=wpfinwgt]

///coefficient on hhage -.0006238