/// ====================================

/// = CLEANED ON 5-29-15 by PAUL GOREN =

/// ====================================

version 12.1

\*\*\*cd "H:\My Documents\Paper-PID IDEO\PRQ"

\*\*\*use "H:\My Documents\Paper-PID IDEO\PRQ\081012gss.dta", clear

cd "/Users/pchen/Dropbox/Research/Independent Research/Party ID and Ideology Paper/PRQ/"

use "/Users/pchen/Dropbox/Research/Independent Research/Party ID and Ideology Paper/PRQ/081012gss.dta", clear

/// ===================================================

/// = PART I: CODING OF ALL VARIABLES AND RELIABILITY =

/// = CALCULATIONS FOR OPERATIONAL IDEOLOGY AND PID = =

/// ===================================================

/// COMPLEX SAMPLE VARIABLES

gen wt12= wtpannr12

fre wt12

gen wt123= wtpannr123

fre wt123

/// PID ALL YEARS

/// 2008

fre partyid\_1

clonevar pid08=partyid\_1

replace pid08=3 if partyid\_1==7

label define pid 0 "strd dem" 6 "strg rep" .n "no answer" .i "not in cross section"

label value pid08 pid

fre pid08

/// 2010

fre partyid\_2

clonevar pid10=partyid\_2

replace pid10=3 if partyid\_2==7

replace pid10=.i if wtpannr12==.

label value pid10 pid

fre pid10

/// 2012

fre partyid\_3

clonevar pid12=partyid\_3

replace pid12=3 if partyid\_3==7

replace pid12=.i if wtpannr123==.

label value pid12 pid

fre pid12

/// Wiley-Wiley model to get error variance estimates for pid indicators

misstable patterns pid08 pid10 pid12, frequency

sem ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party12@1 -> pid12) ///

(Party08 -> Party10) ///

(Party10 -> Party12), ///

var(e.pid08@a e.pid10@a e.pid12@a)

estat eqgof

/// OPERATIONAL IDEOLOGY ALL YEARS

/// all years

/// some cases not on A, B, or C ballot but this is unclear

/// 2008

fre natfare\_1

gen welfare08=natfare\_1

label variable welfare08 "welfare spending"

label define spend 1 "too little" 2 "about right" 3 "too much" .d "DK" .i "not in cross section" .n "n answer"

label value welfare08 spend

fre welfare08

fre natchld\_1

gen child08=natchld\_1

label variable child08 "child care spending"

label value child08 spend

fre child08

fre natcity\_1

gen city08=natcity\_1

label variable city08 "ast big city spending"

label value city08 spend

fre city08

fre nateduc\_1

gen educ08=nateduc\_1

label variable educ08 "educ spending"

label value educ08 spend

fre educ08

fre natheal\_1

gen heal08=natheal\_1

label variable heal08 "health spending"

label value heal08 spend

fre heal08

fre natsoc\_1

gen soc08=natsoc\_1

label variable soc08 "soc sec spending"

label value soc08 spend

fre soc08

fre natrace\_1

gen race08=natrace\_1

label variable race08 "race sec spending"

label value race08 spend

fre race08

fre natenvir\_1

gen envir08=natenvir\_1

label variable envir08 "env spending"

label value envir08 spend

fre envir08

/// polychoric welfare08 child08 city08 educ08 heal08 soc08 race08 envir08

display (8\*.313)/(1+.313\*7)

egen opideo08miss=rowmiss(welfare08 child08 city08 educ08 heal08 soc08 race08 envir08)

egen opideo08=rowmean(welfare08 child08 city08 educ08 heal08 soc08 race08 envir08) if opideo08miss<4

replace opideo08=(opideo08-1)\*3

label variable opideo08 "op ideo 08"

label define opideo08 0 "op liberal" 3 "op moderate" 6 "op conservative" .i "not in cross section (ballot)"

label value opideo08 opideo08

fre opideo08miss opideo08

/// 2010

/// 442 cases not reinterviewd and some cases not on A, B, or C ballot but this is unclear

fre natfare\_2

gen welfare10=natfare\_2

label variable welfare10 "welfare spending"

label value welfare10 spend

fre welfare10

fre natchld\_2

gen child10=natchld\_2

label variable child10 "child care spending"

label value child10 spend

fre child10

fre natcity\_2

gen city10=natcity\_2

label variable city10 "ast big city spending"

label value city10 spend

fre city10

fre nateduc\_2

gen educ10=nateduc\_2

label variable educ10 "educ spending"

label value educ10 spend

fre educ10

fre natheal\_2

gen heal10=natheal\_2

label variable heal10 "health spending"

label value heal10 spend

fre heal10

fre natsoc\_2

gen soc10=natsoc\_2

label variable soc10 "soc sec spending"

label value soc10 spend

fre soc10

fre natrace\_2

gen race10=natrace\_2

label variable race10 "race sec spending"

label value race10 spend

fre race10

fre natenvir\_2

gen envir10=natenvir\_2

label variable envir10 "env spending"

label value envir10 spend

fre envir10

/// polychoric welfare10 child10 city10 educ10 heal10 soc10 race10 envir10

display (8\*.332)/(1+.332\*7)

egen opideo10miss=rowmiss(welfare10 child10 city10 educ10 heal10 soc10 race10 envir10)

egen opideo10=rowmean(welfare10 child10 city10 educ10 heal10 soc10 race10 envir10) if opideo10miss<4

replace opideo10=(opideo10-1)\*3

replace opideo10=.i if panstat\_3!=1

label variable opideo10 "op ideo 10"

label define opideo10 0 "op liberal" 3 "op moderate" 6 "op conservative" .i "not in cross section (attrition or split form)"

label value opideo10 opideo10

fre opideo10

/// 2012

/// 728 cases not reinteriviewd, and some cases not on A, B, or C ballot

fre natfare\_3

gen welfare12=natfare\_3

label variable welfare12 "welfare spending"

label value welfare12 spend

fre welfare12

fre natchld\_3

gen child12=natchld\_3

label variable child12 "child care spending"

label value child12 spend

fre child12

fre natcity\_3

gen city12=natcity\_3

label variable city12 "ast big city spending"

label value city12 spend

fre city12

fre nateduc\_3

gen educ12=nateduc\_3

label variable educ12 "educ spending"

label value educ12 spend

fre educ12

fre natheal\_3

gen heal12=natheal\_3

label variable heal12 "health spending"

label value heal12 spend

fre heal12

fre natsoc\_3

gen soc12=natsoc\_3

label variable soc12 "soc sec spending"

label value soc12 spend

fre soc12

fre natrace\_3

gen race12=natrace\_3

label variable race12 "race sec spending"

label value race12 spend

fre race12

fre natenvir\_3

gen envir12=natenvir\_3

label variable envir12 "env spending"

label value envir12 spend

fre envir12

egen opideo12miss=rowmiss(welfare12 child12 city12 educ12 heal12 soc12 race12 envir12)

egen opideo12=rowmean(welfare12 child12 city12 educ12 heal12 soc12 race12 envir12) if opideo12miss<4

replace opideo12=(opideo12-1)\*3

replace opideo12=.i if panstat\_3!=1

label variable opideo12 "op ideo 12"

label value opideo12 opideo08

fre opideo12

/// CONTOLS

fre sex\_1

gen sex=sex\_1

recode sex 1=0 2=1

label variable sex "female dummy"

label define sex 1 "F" 0 "M" .i "inap"

label value sex sex

fre sex

/// married

fre marital\_2

gen married10=marital\_2

recode married10 1=1 2/5=0 .=0

replace married10=.i if wtpan12==.

label variable married10 "marriage dummy"

label define married10 1 "Married" 0 "other" .i "inap, not in 10"

label value married10 married10

fre married10

/// married

fre marital\_3

gen married12=marital\_3

recode married12 1=1 2/5=0 .=0

replace married12=.i if wtpan123==.

label variable married12 "marriage dummy"

label define married12 1 "Married" 0 "other" .i "inap, not in 12"

label value married12 married12

fre married12

/// black

fre race\_1

gen black=race\_1

recode black 1=0 2=1 3=0

label variable black "black dummy"

label define black 1 "black" 0 "non-black"

label value black black

fre black

/// college

fre degree\_2

gen college10=degree\_2

recode college10 0/2=0 3/4=1 .=.i

fre college10

fre degree\_3

gen college12=degree\_3

recode college12 0/2=0 3/4=1 .=.i

fre college12

/// south

fre region\_2

gen south10=region\_2

recode south10 1/4=0 5/7=1 8/9=0 .=0

replace south10=.i if wtpan12==.

fre south10

fre region\_3

gen south12=region\_3

recode south12 1/4=0 5/7=1 8/9=0 .=0

replace south12=.i if wtpan123==.

fre south12

/// =============================================================

/// = PART II: RUN OLS & EIV MODELS FOR TABLE 4 and APPENDIX B4 =

/// =============================================================

/// 2008-10 OLS and EIV estimates

/// use .884 from Wiley-Wiley model for PID

/// use .785 estimate from above for opideo

svyset [pw=wt12]

sum pid08 opideo08, d

svy: regress opideo10 pid08 opideo08 sex married10 black college10 south10

estimates store a1

margins, predict() at(pid08=(0(6)6)) post

estimates store b1

svy: regress pid10 pid08 opideo08 sex married10 black college10 south10

estimates store a2

margins, predict() at(opideo08=(0(3.5)3.5)) post

estimates store b2

eivreg opideo10 pid08 opideo08 sex married10 black college10 south10, reliab(pid08 .884 opideo08 .785)

estimates store a3

margins, predict() at(pid08=(0(6)6)) post

estimates store b3

eivreg pid10 pid08 opideo08 sex married10 black college10 south10, reliab(pid08 .884 opideo08 .785)

estimates store a4

margins, predict() at(opideo08=(0(3.5)3.5)) post

estimates store b4

esttab a1 a2 a3 a4 using "table4a.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table4afirstdiff.rtf", replace

regress opideo10 pid08 opideo08 sex married10 black college10 south10 [pw=wt12], beta

estimates store c11

regress pid10 pid08 opideo08 sex married10 black college10 south10 [pw=wt12], beta

estimates store c12

/// 2010-12 OLS and EIV estimates

/// use .881 from Wiley-Wiley model for PID

/// use .799 estimate from above for opideo

svyset [pw=wt123]

sum pid10 opideo10, d

svy: regress opideo12 pid10 opideo10 sex married12 black college12 south12

estimates store a1

margins, predict() at(pid10=(0(6)6)) post

estimates store b1

svy: regress pid12 pid10 opideo10 sex married12 black college12 south12

estimates store a2

margins, predict() at(opideo10=(0.375(3.75)4.125)) post

estimates store b2

eivreg opideo12 pid10 opideo10 sex married12 black college12 south12, reliab(pid10 .881 opideo10 .799)

estimates store a3

margins, predict() at(pid10=(0(6)6)) post

estimates store b3

eivreg pid12 pid10 opideo10 sex married12 black college12 south12, reliab(pid10 .881 opideo10 .799)

estimates store a4

margins, predict() at(opideo10=(0.375(3.75)4.125)) post

estimates store b4

esttab a1 a2 a3 a4 using "table4b.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table4bfirstdiff.rtf", replace

regress opideo12 pid10 opideo10 sex married12 black college12 south12 [pw=wt123], beta

estimates store c13

regress pid12 pid10 opideo10 sex married12 black college12 south12 [pw=wt123], beta

estimates store c14

esttab c11 c12 c13 c14 using "beta4.rtf", replace beta(2)

/// ===========================================================================

/// = PART III: RUN KNOWLEDGE INTERACTIONS FOR LOW V. HIGH KNOWLEDGE SUBJECTS =

/// = REPORT THESE RESUTLS IN APPENDIX B2 (KEY COEFFICIENTS ONLY). =

/// ===========================================================================

/// use college graduate dummy b/c their is nothing else close to what NES has

/// some studies find results do not differ across levels of education v knowledge

/// Wiley-Wiley model for college08==0

misstable patterns pid08 pid10 pid12 if college10==0, frequency

sem ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party12@1 -> pid12) ///

(Party08 -> Party10) ///

(Party10 -> Party12) if college10==0, ///

var(e.pid08@a e.pid10@a e.pid12@a)

estat eqgof

/// Wiley-Wiley model for college10==1

misstable patterns pid08 pid10 pid12 if college10==1, frequency

sem ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party12@1 -> pid12) ///

(Party08 -> Party10) ///

(Party10 -> Party12) if college10==1, ///

var(e.pid08@a e.pid10@a e.pid12@a)

estat eqgof

/// need to get reliability estimates for operational ideology

/// polychoric welfare08 child08 city08 educ08 heal08 soc08 race08 envir08 if college10==0

display (8\*.310)/(1+.310\*7)

/// polychoric welfare08 child08 city08 educ08 heal08 soc08 race08 envir08 if college10==1

display (8\*.425)/(1+.425\*7)

/// polychoric welfare10 child10 city10 educ10 heal10 soc10 race10 envir10 if college10==0

display (8\*.301)/(1+.301\*7)

/// polychoric welfare10 child10 city10 educ10 heal10 soc10 race10 envir10 if college10==1

display (8\*.418)/(1+.418\*7)

/// 2008-10 OLS & EIV Estimates

svyset [pw=wt12]

svy: regress opideo10 pid08 opideo08 sex married10 black south10 if college10==0

svy: regress opideo10 pid08 opideo08 sex married10 black south10 if college10==1

svy: regress pid10 pid08 opideo08 sex married10 black south10 if college10==0

svy: regress pid10 pid08 opideo08 sex married10 black south10 if college10==1

eivreg opideo10 pid08 opideo08 sex married10 black south10 if college10==0, reliab(pid08 .854 opideo08 .782)

eivreg opideo10 pid08 opideo08 sex married10 black south10 if college10==1, reliab(pid08 .947 opideo08 .855)

eivreg pid10 pid08 opideo08 sex married10 black south10 if college10==0, reliab(pid08 .854 opideo08 .782)

eivreg pid10 pid08 opideo08 sex married10 black south10 if college10==1, reliab(pid08 .947 opideo08 .855)

/// 2010-12 OLS & EIV Estimates

svyset [pw=wt123]

svy: regress opideo12 pid10 opideo10 sex married12 black south12 if college10==0

svy: regress opideo12 pid10 opideo10 sex married12 black south12 if college10==1

svy: regress pid12 pid10 opideo10 sex married12 black south12 if college10==0

svy: regress pid12 pid10 opideo10 sex married12 black south12 if college10==1

eivreg opideo12 pid10 opideo10 sex married12 black south12 if college10==0, reliab(pid10 .851 opideo10 .775)

eivreg opideo12 pid10 opideo10 sex married12 black south12 if college10==1, reliab(pid10 .945 opideo10 .852)

eivreg pid12 pid10 opideo10 sex married12 black south12 if college10==0, reliab(pid10 .851 opideo10 .775)

eivreg pid12 pid10 opideo10 sex married12 black south12 if college10==1, reliab(pid10 .945 opideo10 .852)

/// ================================================================

/// = PART IV: RUN WILEY-WILEY MODEL FOR OPERATIONAL IDEOLOGY. =

/// = RELIABILITY ESIMATES HIGHLY SIMILAR TO ALPHA CALCULATIONS. =

/// = REPORT THESE RESUTLS IN APPENDIX B2 (KEY COEFFICIENTS ONLY). =

/// ================================================================

misstable patterns opideo08 opideo10 opideo12, frequency

sem ///

(IDEO08@1 -> opideo08) ///

(IDEO10@1 -> opideo10) ///

(IDEO12@1 -> opideo12) ///

(IDEO08 -> IDEO10) ///

(IDEO10 -> IDEO12), ///

var(e.opideo08@a e.opideo10@a e.opideo12@a)

estat eqgof

sem ///

(PID08@1 -> pid08) ///

(PID10@1 -> pid10) ///

(PID12@1 -> pid12) ///

(IDEO08@1 -> opideo08) ///

(IDEO10@1 -> opideo10) ///

(IDEO12@1 -> opideo12) ///

(IDEO08 PID08 -> IDEO10) ///

(IDEO10 PID10 -> IDEO12) ///

(IDEO08 PID08 -> PID10) ///

(IDEO10 PID10 -> PID12), ///

var(e.opideo08@a e.opideo10@a e.opideo12@a) ///

var(e.pid08@a e.pid10@a e.pid12@a) ///

var(e.IDEO12@.02)

estat eqgof

/// ====================================================================

/// = PART IV: RE-RUN MODELS WITH GROUP AFFECT IN THEM. =

/// ====================================================================

gen closeblk08=closeblk\_1

gen closeblk10=closeblk\_2

gen closeblk12=closeblk\_3

fre closeblk08 closeblk10 closeblk12

misstable patterns closeblk08 closeblk10 closeblk12, frequency

sem ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK12@1 -> closeblk12) ///

(BLACK08 -> BLACK10) ///

(BLACK10 -> BLACK12), ///

var(e.closeblk08@a e.closeblk10@a e.closeblk12@a)

estat eqgof

replace closeblk08=((closeblk08-1)/8)\*6

replace closeblk10=((closeblk10-1)/8)\*6

replace closeblk12=((closeblk12-1)/8)\*6

svyset [pw=wt12]

sum pid08 opideo08, d

svy: regress opideo10 pid08 opideo08 sex married10 black college10 south10 closeblk08

estimates store a1

margins, predict() at(pid08=(0(6)6)) post

estimates store b1

svy: regress pid10 pid08 opideo08 sex married10 black college10 south10 closeblk08

estimates store a2

margins, predict() at(opideo08=(0(3.5)3.5)) post

estimates store b2

eivreg opideo10 pid08 opideo08 sex married10 black college10 south10 closeblk08, reliab(pid08 .884 opideo08 .785 closeblk08 .620)

estimates store a3

margins, predict() at(pid08=(0(6)6)) post

estimates store b3

eivreg pid10 pid08 opideo08 sex married10 black college10 south10 closeblk08, reliab(pid08 .884 opideo08 .785 closeblk08 .620)

estimates store a4

margins, predict() at(opideo08=(0(3.5)3.5)) post

estimates store b4

esttab a1 a2 a3 a4 using "table4aAFFECT.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table4afirstdiffAFFECT.rtf", replace

/// 2010-12 OLS and EIV estimates

/// use .881 from Wiley-Wiley model for PID

/// use .799 estimate from above for opideo

svyset [pw=wt123]

sum pid10 opideo10, d

svy: regress opideo12 pid10 opideo10 sex married12 black college12 south12 closeblk10

estimates store a1

margins, predict() at(pid10=(0(6)6)) post

estimates store b1

svy: regress pid12 pid10 opideo10 sex married12 black college12 south12 closeblk10

estimates store a2

margins, predict() at(opideo10=(0.375(3.75)4.125)) post

estimates store b2

eivreg opideo12 pid10 opideo10 sex married12 black college12 south12 closeblk10, reliab(pid10 .881 opideo10 .799 closeblk10 .610)

estimates store a3

margins, predict() at(pid10=(0(6)6)) post

estimates store b3

eivreg pid12 pid10 opideo10 sex married12 black college12 south12 closeblk10, reliab(pid10 .881 opideo10 .799 closeblk10 .610)

estimates store a4

margins, predict() at(opideo10=(0.375(3.75)4.125)) post

estimates store b4

esttab a1 a2 a3 a4 using "table4bAFFECT.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table4bfirstdiffAFFECT.rtf", replace

/// ===============================================================

/// = RE-RUN AS ORDERED LOGIT AND CREATE PREDICTED PROBABILITIES. =

/// ===============================================================

fre pid10

recode pid10 0/2=0 3=1 4/6=2, gen(pid10\_3)

fre pid12

recode pid12 0/2=0 3=1 4/6=2, gen(pid12\_3)

sum opideo10 opideo12

display 1.93-1.17

display 1.93+1.17

display 1.17\*2

display 1.88-1.14

display 1.88+1.14

display 1.14\*2

sum pid08 pid10

svyset [pw=wt12]

svy: ologit pid10\_3 pid08 opideo08 sex married10 black college10 south10

prchange opideo08, x(sex=1 married10=1 black=0 college10=0 south10=0)

margins, predict(outcome(0)) at(opideo08=(0(3.5)3.5) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(2)) at(opideo08=(0(3.5)3.5) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(0)) at(opideo08=(.76(2.34)3.1) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

margins, predict(outcome(2)) at(opideo08=(.76(2.34)3.1) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

svyset [pw=wt123]

svy: ologit pid12\_3 pid10 opideo10 sex married10 black college10 south10

prchange opideo10, x(sex=1 married10=1 black=0 college10=0 south10=0)

margins, predict(outcome(0)) at(opideo10=(0.375(3.75)4.125) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(2)) at(opideo10=(0.375(3.75)4.125) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(0)) at(opideo10=(.74(2.28)3.02) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

margins, predict(outcome(2)) at(opideo10=(.74(2.28)3.02) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

/// ====================================================

/// = KNOWLEDGE SPLITS WITH GROUP AFFECT CONTROLS =

/// ====================================================

sem ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK12@1 -> closeblk12) ///

(BLACK08 -> BLACK10) ///

(BLACK10 -> BLACK12) if college10==0, ///

var(e.closeblk08@a e.closeblk10@a e.closeblk12@a)

estat eqgof

sem ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK12@1 -> closeblk12) ///

(BLACK08 -> BLACK10) ///

(BLACK10 -> BLACK12) if college10==1, ///

var(e.closeblk08@a e.closeblk10@a e.closeblk12@a)

estat eqgof

svyset [pw=wt12]

svy: regress opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==0

svy: regress pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==0

svy: regress opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==1

svy: regress pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==1

eivreg opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==0, reliab(pid08 .854 opideo08 .782 closeblk08 .603)

eivreg pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==0, reliab(pid08 .854 opideo08 .782 closeblk08 .603)

eivreg opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==1, reliab(pid08 .947 opideo08 .855 closeblk08 .680)

eivreg pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college10==1, reliab(pid08 .947 opideo08 .855 closeblk08 .680)

svyset [pw=wt123]

svy: regress opideo12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==0

svy: regress pid12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==0

svy: regress opideo12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==1

svy: regress pid12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==1

eivreg opideo12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==0, reliab(pid10 .851 opideo10 .775 closeblk10 .617)

eivreg pid12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==0, reliab(pid10 .851 opideo10 .775 closeblk10 .617)

eivreg opideo12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==1, reliab(pid10 .881 opideo10 .852 closeblk10 .595)

eivreg pid12 pid10 opideo10 sex married12 black south12 closeblk10 if college10==1, reliab(pid10 .881 opideo10 .852 closeblk10 .595)

/// =============================

/// = CALCULATE MISSING OP IDEO =

/// =============================

fre opideo08miss if natenviy\_1==.

fre opideo10miss if natenviy\_2==.

fre opideo12miss if natenviy\_3==.

display (10+6+19+11+5)/1035 //4.93%

display (5+12+4+445-442)/(1228-442) //3.05%

display (1+2+10+3+732-728)/(1364-728) //3.14%

/// ==========================================================

/// = CALCULATE CORRELATION BETWEEN SYMBOLIC AND OPERATIONAL =

/// ==========================================================

fre polviews\_1 polviews\_2 polviews\_3

gen syideo08=polviews\_1

replace syideo08=(syideo08-1)/6

gen syideo10=polviews\_2

replace syideo10=(syideo10-1)/6

gen syideo12=polviews\_3

replace syideo12=(syideo12-1)/6

fre syideo\*

corr opideo08 syideo08 //0.3302

corr opideo10 syideo10 //0.3324

corr opideo12 syideo12 //0.3713