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

/// = 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\060810gss.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/060810gss.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

/// 2006

fre partyid\_1

clonevar pid06=partyid\_1

replace pid06=3 if partyid\_1==7

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

label value pid06 pid

fre pid06

/// 2008

fre partyid\_2

clonevar pid08=partyid\_2

replace pid08=3 if partyid\_2==7

label value pid08 pid

fre pid08

/// 2010

fre partyid\_3

clonevar pid10=partyid\_3

replace pid10=3 if partyid\_3==7

label value pid10 pid

fre pid10

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

/// note that missing values = 593 b/c we recoded DK/others as independents above

misstable patterns pid06 pid08 pid10, frequency

sem ///

(Party06@1 -> pid06) ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party06 -> Party08) ///

(Party08 -> Party10), ///

var(e.pid06@a e.pid08@a e.pid10@a)

estat eqgof

/// OPERATIONAL IDEOLOGY ALL YEARS

/// some cases not on A, B, or C ballot

/// 2006

fre natfare\_1

gen welfare06=natfare\_1

label variable welfare06 "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 welfare06 spend

fre welfare06

fre natchld\_1

gen child06=natchld\_1

label variable child06 "child care spending"

label value child06 spend

fre child06

fre natcity\_1

gen city06=natcity\_1

label variable city06 "ast big city spending"

label value city06 spend

fre city06

fre nateduc\_1

gen educ06=nateduc\_1

label variable educ06 "educ spending"

label value educ06 spend

fre educ06

fre natheal\_1

gen heal06=natheal\_1

label variable heal06 "health spending"

label value heal06 spend

fre heal06

fre natsoc\_1

gen soc06=natsoc\_1

label variable soc06 "soc sec spending"

label value soc06 spend

fre soc06

fre natrace\_1

gen race06=natrace\_1

label variable race06 "race sec spending"

label value race06 spend

fre race06

fre natenvir\_1

gen envir06=natenvir\_1

label variable envir06 "env spending"

label value envir06 spend

fre envir06

/// polychoric welfare06 child06 city06 educ06 heal06 soc06 race06 envir06

display (8\*.30)/(1+.30\*7)

egen opideo06miss=rowmiss(welfare06 child06 city06 educ06 heal06 soc06 race06 envir06)

egen opideo06=rowmean(welfare06 child06 city06 educ06 heal06 soc06 race06 envir06) if opideo06miss<4

replace opideo06=(opideo06-1)\*3

replace opideo06=.i if welfare06==.i

label variable opideo06 "op ideo 06"

label define opideo06 0 "op liberal" 3 "op moderate" 6 "op conservative" .i "not in cross section (ballot)"

label value opideo06 opideo06

fre opideo06miss if opideo06!=.i

fre opideo06

/// 2008

/// 464 cases not reinteriviewd, and some cases not on A, B, or C ballot

fre natfare\_2

gen welfare08=natfare\_2

label variable welfare08 "welfare spending"

label value welfare08 spend

fre welfare08

fre natchld\_2

gen child08=natchld\_2

label variable child08 "child care spending"

label value child08 spend

fre child08

fre natcity\_2

gen city08=natcity\_2

label variable city08 "ast big city spending"

label value city08 spend

fre city08

fre nateduc\_2

gen educ08=nateduc\_2

label variable educ08 "educ spending"

label value educ08 spend

fre educ08

fre natheal\_2

gen heal08=natheal\_2

label variable heal08 "health spending"

label value heal08 spend

fre heal08

fre natsoc\_2

gen soc08=natsoc\_2

label variable soc08 "soc sec spending"

label value soc08 spend

fre soc08

fre natrace\_2

gen race08=natrace\_2

label variable race08 "race sec spending"

label value race08 spend

fre race08

fre natenvir\_2

gen envir08=natenvir\_2

label variable envir08 "env spending"

label value envir08 spend

fre envir08

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

display (8\*.324)/(1+.324\*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

replace opideo08=.i if welfare08==.i

label variable opideo08 "op ideo 08"

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

label value opideo08 opideo08

fre opideo08miss if opideo08!=.i

fre opideo08

/// 2010

/// 724 cases not reinteriviewd, and some cases not on A, B, or C ballot

fre natfare\_3

gen welfare10=natfare\_3

label variable welfare10 "welfare spending"

label value welfare10 spend

fre welfare10

fre natchld\_3

gen child10=natchld\_3

label variable child10 "child care spending"

label value child10 spend

fre child10

fre natcity\_3

gen city10=natcity\_3

label variable city10 "ast big city spending"

label value city10 spend

fre city10

fre nateduc\_3

gen educ10=nateduc\_3

label variable educ10 "educ spending"

label value educ10 spend

fre educ10

fre natheal\_3

gen heal10=natheal\_3

label variable heal10 "health spending"

label value heal10 spend

fre heal10

fre natsoc\_3

gen soc10=natsoc\_3

label variable soc10 "soc sec spending"

label value soc10 spend

fre soc10

fre natrace\_3

gen race10=natrace\_3

label variable race10 "race sec spending"

label value race10 spend

fre race10

fre natenvir\_3

gen envir10=natenvir\_3

label variable envir10 "env spending"

label value envir10 spend

fre envir10

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 welfare10==.i

label variable opideo10 "op ideo 10"

label value opideo10 opideo08

fre opideo10miss if opideo10!=.i

fre opideo10

/// CONTROLS

/// sex

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 married08=marital\_2

recode married08 1=1 2/5=0 .n=0

label variable married08 "marriage dummy"

label define married 1 "Married" 0 "other" .i "inap"

label value married08 married

fre married08

/// married

fre marital\_3

gen married10=marital\_3

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

label variable married10 "marriage dummy"

label value married10 married

fre married10

/// 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 college08=degree\_2

recode college08 0/2=0 3/4=1 .a=0

fre college08

fre degree\_3

gen college10=degree\_3

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

fre college10

/// south

fre region\_2

gen south08=region\_2

recode south08 1/4=0 5/7=1 8/9=0

fre south08

fre region\_3

gen south10=region\_3

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

fre south10

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

/// = PART II: RUN OLS & EIV MODELS FOR TABLE 3 and APPENDIX B3 =

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

/// 2006-08 OLS and EIV estimates

/// use .894 from Wiley-Wiley model for PID

/// use .774 estimate from above for opideo

svyset vpsu [pw=wt12], strata(vstrata) singleunit(certainty)

sum pid06 opideo06, d

svy: regress opideo08 pid06 opideo06 sex married08 black college08 south08

estimates store a1

margins, predict() at(pid06=(0(6)6)) post

estimates store b1

svy: regress pid08 pid06 opideo06 sex married08 black college08 south08

estimates store a2

margins, predict() at(opideo06=(0(3.428571)3.428571)) post

estimates store b2

eivreg opideo08 pid06 opideo06 sex married08 black college08 south08, reliab(pid06 .894 opideo06 .774)

estimates store a3

margins, predict() at(pid06=(0(6)6)) post

estimates store b3

eivreg pid08 pid06 opideo06 sex married08 black college08 south08, reliab(pid06 .894 opideo06 .774)

estimates store a4

margins, predict() at(opideo06=(0(3.428571)3.428571)) post

estimates store b4

esttab a1 a2 a3 a4 using "table3a.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table3afirstdiff.rtf", replace

regress opideo08 pid06 opideo06 sex married08 black college08 south08 [pw=wt12], beta

estimates store c7

regress pid08 pid06 opideo06 sex married08 black college08 south08 [pw=wt12], beta

estimates store c8

/// 2008-2010 OLS and EIV estimates

/// use .899 from Wiley-Wiley model for PID

/// use .793 estimate from above for opideo

svyset vpsu [pw=wt123], strata(vstrata) singleunit(certainty)

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(3.428571)3.428571)) post

estimates store b2

eivreg opideo10 pid08 opideo08 sex married10 black college10 south10, reliab(pid08 .899 opideo08 .793)

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 .899 opideo08 .793)

estimates store a4

margins, predict() at(opideo08=(0(3.428571)3.428571)) post

estimates store b4

esttab a1 a2 a3 a4 using "table3b.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table3bfirstdiff.rtf", replace

regress opideo10 pid08 opideo08 sex married10 black college10 south10 [pw=wt123], beta

estimates store c9

regress pid10 pid08 opideo08 sex married10 black college10 south1 [pw=wt123], beta

estimates store c10

esttab c7 c8 c9 c10 using "beta3.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 pid06 pid08 pid10 if college08==0, frequency

sem ///

(Party06@1 -> pid06) ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party06 -> Party08) ///

(Party08 -> Party10) if college08==0, ///

var(e.pid06@a e.pid08@a e.pid10@a)

estat eqgof

/// Wiley-Wiley model for college08==1

misstable patterns pid06 pid08 pid10 if college08==1, frequency

sem ///

(Party06@1 -> pid06) ///

(Party08@1 -> pid08) ///

(Party10@1 -> pid10) ///

(Party06 -> Party08) ///

(Party08 -> Party10) if college08==1, ///

var(e.pid06@a e.pid08@a e.pid10@a)

estat eqgof

/// need to get reliability estimates for operational ideology

/// both samples in both years

/// polychoric welfare06 child06 city06 educ06 heal06 soc06 race06 envir06 if college08==0

display (8\*.281)/(1+.281\*7)

/// polychoric welfare06 child06 city06 educ06 heal06 soc06 race06 envir06 if college08==1

display (8\*.378)/(1+.378\*7)

/// polychoric welfare08 child08 city08 educ08 heal08 soc08 race08 envir08 if college08==0

display (8\*.297)/(1+.297\*7)

/// polychoric welfare08 child08 city08 educ08 heal08 soc08 race08 envir08 if college08==1

display (8\*.407)/(1+.407\*7)

/// 2006-08 OLS & EIV Estimates

svyset vpsu [pw=wt12], strata(vstrata) singleunit(certainty)

svy: regress opideo08 pid06 opideo06 sex married08 black south08 if college08==0

svy: regress opideo08 pid06 opideo06 sex married08 black south08 if college08==1

svy: regress pid08 pid06 opideo06 sex married08 black south08 if college08==0

svy: regress pid08 pid06 opideo06 sex married08 black south08 if college08==1

eivreg opideo08 pid06 opideo06 sex married08 black south08 if college08==0, reliab(pid06 .878 opideo06 .757)

eivreg opideo08 pid06 opideo06 sex married08 black south08 if college08==1, reliab(pid06 .923 opideo06 .829)

eivreg pid08 pid06 opideo06 sex married08 black south08 if college08==0, reliab(pid06 .878 opideo06 .757)

eivreg pid08 pid06 opideo06 sex married08 black south08 if college08==1, reliab(pid06 .923 opideo06 .829)

/// 2008-10 OLS & EIV estimates

svyset vpsu [pw=wt123], strata(vstrata) singleunit(certainty)

svy: regress opideo10 pid08 opideo08 sex married10 black south10 if college08==0

svy: regress opideo10 pid08 opideo08 sex married10 black south10 if college08==1

svy: regress pid10 pid08 opideo08 sex married10 black south10 if college08==0

svy: regress pid10 pid08 opideo08 sex married10 black south10 if college08==1

eivreg opideo10 pid08 opideo08 sex married10 black south10 if college08==0, reliab(pid08 .882 opideo08 .772)

eivreg opideo10 pid08 opideo08 sex married10 black south10 if college08==1, reliab(pid08 .929 opideo08 .845)

eivreg pid10 pid08 opideo08 sex married10 black south10 if college08==0, reliab(pid08 .882 opideo08 .772)

eivreg pid10 pid08 opideo08 sex married10 black south10 if college08==1, reliab(pid08 .929 opideo08 .845)

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

/// = 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 opideo06 opideo08 opideo10, frequency

sem ///

(IDEO06@1 -> opideo06) ///

(IDEO08@1 -> opideo08) ///

(IDEO10@1 -> opideo10) ///

(IDEO06 -> IDEO08) ///

(IDEO08 -> IDEO10), ///

var(e.opideo06@a e.opideo08@a e.opideo10@a)

estat eqgof

sem ///

(PID06@1 -> pid06) ///

(PID08@1 -> pid08) ///

(PID10@1 -> pid10) ///

(IDEO06@1 -> opideo06) ///

(IDEO08@1 -> opideo08) ///

(IDEO10@1 -> opideo10) ///

(IDEO06 PID06 -> IDEO08) ///

(IDEO08 PID08 -> IDEO10) ///

(IDEO06 PID06 -> PID08) ///

(IDEO08 PID08 -> PID10), ///

var(e.opideo06@a e.opideo08@a e.opideo10@a) ///

var(e.pid06@a e.pid08@a e.pid10@a)

estat eqgof

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

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

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

gen closeblk06=closeblk\_1

gen closeblk08=closeblk\_2

gen closeblk10=closeblk\_3

fre closeblk06 closeblk08 closeblk10

\*misstable patterns closeblk06 closeblk08 closeblk10, frequency

\*sem ///

(BLACK06@1 -> closeblk06) ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK06 -> BLACK08) ///

(BLACK08 -> BLACK10), ///

var(e.closeblk06@a e.closeblk08@a e.closeblk10@a)

\*estat eqgof

replace closeblk06=((closeblk06-1)/8)\*6

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

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

svyset vpsu [pw=wt12], strata(vstrata) singleunit(certainty)

sum pid06 opideo06, d

svy: regress opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06

estimates store a1

margins, predict() at(pid06=(0(6)6)) post

estimates store b1

svy: regress pid08 pid06 opideo06 sex married08 black college08 south08 closeblk06

estimates store a2

margins, predict() at(opideo06=(0(3.428571)3.428571)) post

estimates store b2

eivreg opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06, reliab(pid06 .894 opideo06 .774 closeblk06 .620)

estimates store a3

margins, predict() at(pid06=(0(6)6)) post

estimates store b3

eivreg pid08 pid06 opideo06 sex married08 black college08 south08 closeblk06, reliab(pid06 .894 opideo06 .774 closeblk06 .620)

estimates store a4

margins, predict() at(opideo06=(0(3.428571)3.428571)) post

estimates store b4

esttab a1 a2 a3 a4 using "table3aAFFECT.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table3afirstdiffAFFECT.rtf", replace

/// 2008-2010 OLS and EIV estimates

/// use .899 from Wiley-Wiley model for PID

/// use .793 estimate from above for opideo

svyset vpsu [pw=wt123], strata(vstrata) singleunit(certainty)

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(3.428571)3.428571)) post

estimates store b2

eivreg opideo10 pid08 opideo08 sex married10 black college10 south10 closeblk08, reliab(pid08 .899 opideo08 .793 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 .899 opideo08 .793 closeblk08 .620)

estimates store a4

margins, predict() at(opideo08=(0(3.428571)3.428571)) post

estimates store b4

esttab a1 a2 a3 a4 using "table3bAFFECT.rtf", replace b(2) se(2) star(+ 0.10 \* 0.05) r2(2) scalars(F)

esttab b1 b2 b3 b4 using "table3bfirstdiffAFFECT.rtf", replace

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

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

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

fre pid08

recode pid08 0/2=0 3=1 4/6=2, gen(pid08\_3)

fre pid10

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

sum opideo08 opideo10

display 1.63-1.05

display 1.63+1.05

display 1.05\*2

display 1.93-1.19

display 1.93+1.19

display 1.19\*2

sum pid06 pid08

svyset vpsu [pw=wt12], strata(vstrata) singleunit(certainty)

svy: ologit pid08\_3 pid06 opideo06 sex married08 black college08 south08

prchange opideo06, x(sex=1 married08=1 black=0 college08=0 south08=0)

margins, predict(outcome(0)) at(opideo06=(0(3.428571)3.428571) sex=1 married08=1 black=0 college08=0 south08=0) atmeans // 5-95

margins, predict(outcome(2)) at(opideo06=(0(3.428571)3.428571) sex=1 married08=1 black=0 college08=0 south08=0) atmeans // 5-95

margins, predict(outcome(0)) at(opideo06=(.58(2.1)2.68) sex=1 married08=1 black=0 college08=0 south08=0) atmeans // 2 sd

margins, predict(outcome(2)) at(opideo06=(.58(2.1)2.68) sex=1 married08=1 black=0 college08=0 south08=0) atmeans // 2 sd

svyset vpsu [pw=wt123], strata(vstrata) singleunit(certainty)

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(3.428571)3.428571) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(2)) at(opideo08=(0(3.428571)3.428571) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 5-95

margins, predict(outcome(0)) at(opideo08=(.74(2.38)3.12) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

margins, predict(outcome(2)) at(opideo08=(.74(2.38)3.12) sex=1 married10=1 black=0 college10=0 south10=0) atmeans // 2 sd

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

/// = KNOWLEDGE SPLITS WITH BLACK AFFECT CONTROL INCLUDED =

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

sem ///

(BLACK06@1 -> closeblk06) ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK06 -> BLACK08) ///

(BLACK08 -> BLACK10) if college08==0, ///

var(e.closeblk06@a e.closeblk08@a e.closeblk10@a) ///

iterate(100)

estat eqgof

sem ///

(BLACK06@1 -> closeblk06) ///

(BLACK08@1 -> closeblk08) ///

(BLACK10@1 -> closeblk10) ///

(BLACK06 -> BLACK08) ///

(BLACK08 -> BLACK10) if college08==1, ///

var(e.closeblk06@a e.closeblk08@a e.closeblk10@a) ///

iterate(100)

estat eqgof

svyset vpsu [pw=wt12], strata(vstrata) singleunit(certainty)

svy: regress opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06 if college08==0

svy: regress pid08 pid06 opideo06 sex married08 black south08 closeblk06 if college08==0

svy: regress opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06 if college08==1

svy: regress pid08 pid06 opideo06 sex married08 black south08 closeblk06 if college08==1

eivreg opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06 if college08==0, reliab(pid06 .878 opideo06 .757 closeblk06 .635)

eivreg pid08 pid06 opideo06 sex married08 black south08 closeblk06 if college08==0, reliab(pid06 .878 opideo06 .757 closeblk06 .635)

eivreg opideo08 pid06 opideo06 sex married08 black college08 south08 closeblk06 if college08==1, reliab(pid06 .923 opideo06 .829 closeblk06 .661)

eivreg pid08 pid06 opideo06 sex married08 black south08 closeblk06 if college08==1, reliab(pid06 .923 opideo06 .829 closeblk06 .661)

svyset vpsu [pw=wt123], strata(vstrata) singleunit(certainty)

svy: regress opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==0

svy: regress pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==0

svy: regress opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==1

svy: regress pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==1

eivreg opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==0, reliab(pid08 .882 opideo08 .772 closeblk08 .513)

eivreg pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==0, reliab(pid08 .882 opideo08 .772 closeblk08 .513)

eivreg opideo10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==1, reliab(pid08 .929 opideo08 .845 closeblk08 .677)

eivreg pid10 pid08 opideo08 sex married10 black south10 closeblk08 if college08==1, reliab(pid08 .929 opideo08 .845 closeblk08 .677)

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

/// = CALCULATE MISSING OP IDEO =

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

fre opideo06miss if natfare\_1!=.i

fre opideo08miss if natfare\_2!=.i

fre opideo10miss if natfare\_3!=.i

display (6+3+1+1)/994 //1.10%

display (9+1+1+1)/774 //1.55%

display (8+3)/636 //1.73%

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

/// = CALCULATE CORRELATION BETWEEN SYMBOLIC AND OPERATIONAL =

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

fre polviews\_1 polviews\_2 polviews\_3

gen syideo06=polviews\_1

replace syideo06=(syideo06-1)/6

gen syideo08=polviews\_2

replace syideo08=(syideo08-1)/6

gen syideo10=polviews\_3

replace syideo10=(syideo10-1)/6

fre syideo\*

corr opideo06 syideo06 //0.3673

corr opideo08 syideo08 //0.3492

corr opideo10 syideo10 //0.4047