

```

1 #delimit ;
2
3 capture log close ;
4 capture clear all ;
5
6 log using "... \program3--tables 1 to6.log", replace ;
7
8 *****
9 * Author: E McClintock *
10 * Date last edited: Aug, 2014 *
11 * Edited for: Added comments for *
12 * posting online *
13 * Does: evaluates evidence for *
14 * matching and exchange, tests *
15 * whether any such evidence is *
16 * robust to alternative model *
17 * specifications and whether it *
18 * is robust to alternative *
19 * measures. *
20 * Note: Negative binomial models *
21 * are in program4 *
22 *****;
23
24 ***** NOTE ABOUT SMALL CELL SIZES *****;
25
26 * Because of the sensitive nature of the Add Health Romantic Pairs data I am prohibited
27 from presenting tables with fewer than 3 observations in a any cell. I therefore had to
28 comment out may cross-tabulations. For example, few couples have very disparate levels of
29 physical attractiveness. It is not uncommon for couples to differ by one level but it is
30 very uncommon for them to differ by more levels. This results in very sparse cells. I
31 therefore cannot show cross-tabulations of her and his physical attractiveness. This also
32 applies to many other cross-tabulations. ;
33
34 ***** NOTE ABOUT IMPUTED DATA *****;
35
36 * Because data are imputed (see program1) if you replicate my analysis you will get
37 slightly different results. Also, that is why the N appears to be so large in some
38 instances. I imputed 10 times (10 imputed datasets). ;
39
40 ***** PREP DATA *****;
41
42 * Note: Most data prepping is in program1 or program2. None of the programs include
43 coding & cleaning of raw variables because I think this is self-explanatory. ;
44
45 *** Open Partner-Level Data ***;
46
47 * Note: Please see program1 and program2 for more information on this data. ;
48
49 use "... \program2--forecast SES.dta" ;
50
51 des, short ;
52
53 * recode so wc indicates working-class origins--it was coded reverse before ;
54 * Note: Level 6.5 are occupations that I wasn't sure to place in 6 or 7 but it does not
55 matter because both 6 and 7 are working-class ;
56
57 tab f1_dad_hh7 f1_wc_hh7 if _mj==0, miss ;
58 replace f1_wc_hh7=. if f1_dad_hh7==. ;
59
60 tab f1_dad_hh7 f1_wc_hh7 if _mj==0 ;
61 recode f1_wc_hh7 0=1 1=0 ;
62
63 tab m1_dad_hh7 m1_wc_hh7 if _mj==0 ;
64 recode m1_wc_hh7 0=1 1=0 ;
65
66 * forecast W4 college degree status ;

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61
62 recode m4_edu5p 1/3=0 4/5=1, gen(m4_cgrdpp) ;
63 recode f4_edu5p 1/3=0 4/5=1, gen(f4_cgrdpp) ;
64 label var m4_cgrdpp "forecast W4 college degree status" ;
65 label var f4_cgrdpp "forecast W4 college degree status" ;
66
67 * reverse-code health so that higher values indicate better health ;
68
69 tab1 f3_health m3_health if _mj==0 ;
70 label define health2
71 4 "excellent"
72 3 "very good"
73 2 "good"
74 1 "fair or poor " ;
75 recode f3_health 1=4 2=3 3=2 4=1 ;
76 recode m3_health 1=4 2=3 3=2 4=1 ;
77 label values f3_health health2 ;
78 label values m3_health health2 ;
79 tab1 f3_health m3_health if _mj==0 ;
80
81 * difference in citizenship status? a reviewer wanted this. ;
82
83 gen mf3_citizen = m3_citizen-f3_citizen ;
84 gen mf3_health = m3_health-f3_health ;
85 gen mf3_cesd9 = m3_cesd9-f3_cesd9 ;
86
87 * full-time school enrollment ;
88
89 recode m3_inschl3 2/3=0, gen(m3_ftschl) ;
90 label var m3_ftschl "fulltime school" ;
91 recode f3_inschl3 2/3=0, gen(f3_ftschl) ;
92 label var f3_ftschl "fulltime school" ;
93 gen c3_ftschl=0 if m3_ftschl~=. & f3_ftschl~=. ;
94 replace c3_ftschl=1 if m3_ftschl==1 & f3_ftschl==1 ;
95 label var c3_ftschl "both fulltime school" ;
96
97 * combine Hispanic with other because there are not enough to keep separate ;
98
99 gen c3_otall=c3_other ;
100 replace c3_otall=1 if c3_hisp==1 ;
101 drop c3 other ;
102 tab c3_race5 c3_otall if _mj==0 ;
103
104 gen f3_otall=f3_other ;
105 replace f3_otall=1 if f3_hisp==1 ;
106 replace f3_other=0 if f3_hisp==1 ;
107
108 gen m3_otall=m3_other ;
109 replace m3_otall=1 if m3_hisp==1 ;
110 replace m3_other=0 if m3_hisp==1 ;
111
112 * Distinguish between other and mixed-race? See Appendix on mixed-race--especially
minority-white--couples. This relates to Sassler & Joyner 2011. The variables below are
the equivalent of interactions (his race * her race). ;
113
114 recode c3_race5 1/3=0 4=1 5=0, gen(c3_other) ;
115 tab c3_race5 c3_other if _mj==0 ;
116
117 recode c3_race5 1/4=0 5=1, gen(c3_mixed) ;
118 tab c3_race5 c3_mixed if _mj==0 ;
119
120 recode c3_race5 1/2=0 3/4=1 5=0, gen(c3_othsp) ;
121 tab c3_race5 c3_othsp if _mj==0 ;
122
123 sum c3_otall c3_othsp c3_other c3_mixed if _mj==0 ;
124
125 * Minority-white, and especially, minority-female white-male. A reviewer asked about this
in regards findings in Sassler & Joyner 2011. I was not really interested in race or
interracial couples in this article but include it as a robustness check to ensure that
results apply to this subgroup. ;

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126
127 gen c3_minrc=0 ; replace c3_minrc=1 if (m3_white==0 & f3_white==0) ;
128 label var c3_minrc "both non-white (minority)" ;
129
130 gen c3_wm_mf=0 ; replace c3_wm_mf=1 if (m3_white==1 & f3_white==0) ;
131 label var c3_wm_mf "white male & minority female" ;
132
133 gen c3_mm_wf=0 ; replace c3_mm_wf=1 if (m3_white==0 & f3_white==1) ;
134 label var c3_mm_wf "white female & minority male" ;
135
136 sum c3_white c3_minrc c3_wm_mf c3_mm_wf ;
137
138 * Arbitrarily, use the recruited partner's report of marital status. Usually they are the
same. There is no good solution--that I can think of--for when they disagree. But the
partner was interviewed second and sometimes relationship status may have changed in which
case the second-interviewed partner would give more updated information. ;

139
140 gen marital=f3_marital if f3_partner==1 ;
141 replace marital=m3_marital if f3_partner==0 ;
142 tab marital if _mj==0 ;
143 tab marital, gen(mar) ;
144 label var mar1 "married" ;
145 label var mar2 "cohabing" ;
146 label var mar3 "dating" ;
147
148 * Average relationship duration. This differs both because there can be a slight gap
between interviews and because they might give different start dates. Since no one is
"right" I use the average. When one partner did not answer I use the other partner's
report. ;

149
150 gen relpduravg=(f3_rdur+m3_rdur)/2 ;
151 sum relpduravg f3_rdur m3_rdur ;
152 replace relpduravg =f3_rdur if m3_rdur==. ;
153 replace relpduravg =m3_rdur if f3_rdur==. ;
154 sum relpduravg f3_rdur m3_rdur ;
155
156 table marital, contents(mean relpduravg mean f3_pregnow mean c3_dating mean c3_married) ;
157
158 * Create long/medium/short relationship duration by dividing into thirds...could have done
so more efficiently with egen...cut() but this does the same thing. ;

159
160 egen rd33 = pctlile(relpduravg), p(33) ;
161 egen rd66 = pctlile(relpduravg), p(66) ;
162 gen relpdur = 1 if relpduravg < rd33 ;
163 replace relpdur = 2 if relpduravg >= rd33 & relpduravg < rd66 ;
164 replace relpdur = 3 if relpduravg >= rd66 & relpduravg < . ;
165 tab relpdur if _mj==0 ;
166
167 tab relpdur if _mj==0 ;
168 table relpdur if _mj==0, contents(mean relpduravg mean f3_rdur mean m3_rdur) ;
169 table relpdur if _mj==0, contents(n relpduravg n f3_rdur n m3_rdur) ;
170 tab relpdur, gen(rdur) ;
171
172 * Couple race. It is usually the same and her and his race are collinear. ;
173
174 gen c3_race=c3_white ;
175 replace c3_race=2 if c3_black==1 ;
176 replace c3_race=3 if c3_otall==1 ;
177 tab c3_otall marital if _mj==0, chi2 row ;
178 tab marital if m3_race~=f3_race & _mj==0 ;
179 table c3_race, contents(mean mf3_yrsedu mean mf3_physatt) ;
180 sum mf3_yrsedu mf3_physatt if m3_race~=f3_race ;
181
182 * Oldest 25th percentile of couples. ;
183
184 gen f3_old25p = 0 ;
185 replace f3_old25p = 1 if f3_calcage3 >=24 & f3_old25p ~= . ;
186
187 gen m3_old25p = 0 ;
188 replace m3_old25p = 1 if m3_calcage3 >=25 & m3_old25p ~= . ;

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189
190 gen c3_old25p = 0 ;
191 replace c3_old25p = 1 if f3_calcage3>=23 & m3_calcage3>=24 ;
192
193 sum *old25p* ;
194
195 * Same-race interviewer? A reviewer was concerned that same-race and other-race
interviewers might rank physical attractiveness different. ;
196
197 gen m3_sameraceint=0 if m3_intrace~=. ;
198 replace m3_sameraceint=1 if m3_intrace==m3_race4 ;
199 replace m3_sameraceint=1 if m3_race4==4 & m3_intrace==3 ;
200 tab m3_sameraceint if _mj==0 ;
201
202 gen f3_sameraceint=0 if f3_intrace~=. ;
203 replace f3_sameraceint=1 if f3_intrace==f3_race4 ;
204 replace f3_sameraceint=1 if f3_race4==4 & f3_intrace==3 ;
205 tab f3_sameraceint if _mj==0 ;
206
207 tab f3_sameraceint m3_sameraceint if _mj==0 ;
208
209 gen c3_sameraceint = 0 if m3_sameraceint ~= . & f3_sameraceint ~= . ;
210 replace c3_sameraceint = 1 if m3_sameraceint == 1 & f3_sameraceint == 1 ;
211 tab c3_sameraceint if _mj==0 ;
212
213 * create categorical ed prior to standardizing yrsedu * ;
214
215 label define edu4 1 "< HS" 2 "HS/GED" 3 "Some college" 4 "College+" ;
216
217 recode m3_yrsedu -5/11=1 12=2 13/15=3 16/25=4, gen(m3_edu4) ;
218 recode f3_yrsedu -5/11=1 12=2 13/15=3 16/25=4, gen(f3_edu4) ;
219 label values m3_edu4 edu4 ;
220 label values f3_edu4 edu4 ;
221
222 tab1 f3_edu4 m3_edu4 if _mj==0 ;
223
224 * An alternative categorization of education--HS dropout, HS grad or some college, current
college student, college grad * ;
225
226 * commented out due to small N in extreme values ;
227 *tab1 m3_yrsedu m3_yrsedu if _mj==0 ;
228
229 sum f3_yrsedu m3_yrsedu, det ;
230
231 recode m3_yrsedu 0/11=1 12=2 13/15=2 16/25=4, gen(m3_eedu4) ;
232 recode f3_yrsedu 0/11=1 12=2 13/15=2 16/25=4, gen(f3_eedu4) ;
233 replace m3_eedu4 = 3 if m3_ee_cgrdp == 1 & m3_eedu4 < 4 ;
234 replace f3_eedu4 = 3 if f3_ee_cgrdp == 1 & f3_eedu4 < 4 ;
235 tab f3_eedu4, gen(f3_eed) ;
236 tab m3_eedu4, gen(m3_eed) ;
237
238 * Create categorical SEI (that is Duncan SEI which I obtained by linking on occupational
code). Again egen...cut() would have been more efficient. * ;
239
240 egen temp1 = pctlile(f3_sei), p(25) ;
241 egen temp2 = pctlile(f3_sei), p(50) ;
242 egen temp3 = pctlile(f3_sei), p(75) ;
243
244 gen f3_seic = 1 if f3_sei < temp1 ;
245 replace f3_seic = 2 if f3_sei >=temp1 & f3_sei <= temp2 ;
246 replace f3_seic = 3 if f3_sei >=temp2 & f3_sei <= temp3 ;
247 replace f3_seic = 4 if f3_sei > temp3 & f3_sei ~=. ;
248 drop temp* ;
249
250 sum f3_seic f3_sei ;
251 table f3 seic, contents(min f3 sei max f3 sei) ;
252
253 egen temp1 = pctlile(m3_sei), p(25) ;
254 egen temp2 = pctlile(m3_sei), p(50) ;
255 egen temp3 = pctlile(m3_sei), p(75) ;

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256
257 gen      m3_seic = 1 if m3_sei < temp1 ;
258 replace m3_seic = 2 if m3_sei >=temp1 & m3_sei <= temp2 ;
259 replace m3_seic = 3 if m3_sei >=temp2 & m3_sei <= temp3 ;
260 replace m3_seic = 4 if m3_sei > temp3 & m3_sei ~=. ;
261 drop temp* ;
262
263 sum m3_seic m3_sei ;
264 table m3_seic, contents(min m3_sei max m3_sei) ;
265
266 * Repeat for Wave IV SEI (we know this only for original respondents because partners are
not interviewed at Wave IV) *;
267
268 egen temp1 = pctlile(f4_sei), p(25) ;
269 egen temp2 = pctlile(f4_sei), p(50) ;
270 egen temp3 = pctlile(f4_sei), p(75) ;
271
272 gen      f4_seic = 1 if f4_sei < temp1 ;
273 replace f4_seic = 2 if f4_sei >=temp1 & f4_sei <= temp2 ;
274 replace f4_seic = 3 if f4_sei >=temp2 & f4_sei <= temp3 ;
275 replace f4_seic = 4 if f4_sei > temp3 & f4_sei ~=. ;
276 drop temp* ;
277
278 sum f4_seic f4_sei ;
279 table f4_seic, contents(min f4_sei max f4_sei) ;
280
281 egen temp1 = pctlile(m4_sei), p(25) ;
282 egen temp2 = pctlile(m4_sei), p(50) ;
283 egen temp3 = pctlile(m4_sei), p(75) ;
284
285 gen      m4_seic = 1 if m4_sei < temp1 ;
286 replace m4_seic = 2 if m4_sei >=temp1 & m4_sei <= temp2 ;
287 replace m4_seic = 3 if m4_sei >=temp2 & m4_sei <= temp3 ;
288 replace m4_seic = 4 if m4_sei > temp3 & m4_sei ~=. ;
289 drop temp* ;
290
291 sum m4_seic m4_sei ;
292 table m4_seic, contents(min m4_sei max m4_sei) ;
293
294 * Repeat for forecast Wave IV SEI (see program2) *;
295
296 egen temp1 = pctlile(f4_seip), p(25) ;
297 egen temp2 = pctlile(f4_seip), p(50) ;
298 egen temp3 = pctlile(f4_seip), p(75) ;
299
300 gen      f4_seipc = 1 if f4_seip < temp1 ;
301 replace f4_seipc = 2 if f4_seip >=temp1 & f4_seip <= temp2 ;
302 replace f4_seipc = 3 if f4_seip >=temp2 & f4_seip <= temp3 ;
303 replace f4_seipc = 4 if f4_seip > temp3 & f4_seip ~=. ;
304 drop temp* ;
305
306 sum f4_seipc f4_seip ;
307 table f4_seipc, contents(min f4_seip max f4_seip) ;
308
309 egen temp1 = pctlile(m4_seip), p(25) ;
310 egen temp2 = pctlile(m4_seip), p(50) ;
311 egen temp3 = pctlile(m4_seip), p(75) ;
312
313 gen      m4_seipc = 1 if m4_seip < temp1 ;
314 replace m4_seipc = 2 if m4_seip >=temp1 & m4_seip <= temp2 ;
315 replace m4_seipc = 3 if m4_seip >=temp2 & m4_seip <= temp3 ;
316 replace m4_seipc = 4 if m4_seip > temp3 & m4_seip ~=. ;
317 drop temp* ;
318
319 sum m4_seipc m4_seip ;
320 table m4 seipc, contents(min m4 seip max m4 seip) ;
321
322 * Create categorical income *;
323
324 egen temp1 = pctlile(f4_inc), p(25) ;

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325 egen temp2 = pctlile(f4_inc), p(50) ;
326 egen temp3 = pctlile(f4_inc), p(75) ;
327
328 gen      f4_incc = 1 if f4_inc < temp1 ;
329 replace f4_incc = 2 if f4_inc >=temp1 & f4_inc <= temp2 ;
330 replace f4_incc = 3 if f4_inc >=temp2 & f4_inc <= temp3 ;
331 replace f4_incc = 4 if f4_inc > temp3 & f4_inc ~=. ;
332 drop temp* ;
333
334 sum f4_incc f4_inc ;
335 table f4_incc, contents(min f4_inc max f4_inc) ;
336
337 egen temp1 = pctlile(m4_inc), p(25) ;
338 egen temp2 = pctlile(m4_inc), p(50) ;
339 egen temp3 = pctlile(m4_inc), p(75) ;
340
341 gen      m4_incc = 1 if m4_inc < temp1 ;
342 replace m4_incc = 2 if m4_inc >=temp1 & m4_inc <= temp2 ;
343 replace m4_incc = 3 if m4_inc >=temp2 & m4_inc <= temp3 ;
344 replace m4_incc = 4 if m4_inc > temp3 & m4_inc ~=. ;
345 drop temp* ;
346
347 sum m4_incc m4_inc ;
348 table m4_incc, contents(min m4_inc max m4_inc) ;
349
350 drop m4_ln_inc f4_ln_inc ;
351 gen m4_ln_inc=ln(m4_inc+.01) ;
352 gen f4_ln_inc=ln(f4_inc+.01) ;
353
354 * Repeat for forecast income (see program2) *;
355
356 egen temp1 = pctlile(f4_ln_incp), p(25) ;
357 egen temp2 = pctlile(f4_ln_incp), p(50) ;
358 egen temp3 = pctlile(f4_ln_incp), p(75) ;
359
360 gen      f4_inccp = 1 if f4_ln_incp < temp1 ;
361 replace f4_inccp = 2 if f4_ln_incp >=temp1 & f4_ln_incp <= temp2 ;
362 replace f4_inccp = 3 if f4_ln_incp >=temp2 & f4_ln_incp <= temp3 ;
363 replace f4_inccp = 4 if f4_ln_incp > temp3 & f4_ln_incp ~=. ;
364 drop temp* ;
365
366 sum f4_inccp f4_ln_incp ;
367 table f4_inccp, contents(min f4_ln_incp max f4_ln_incp) ;
368
369 egen temp1 = pctlile(m4_ln_incp), p(25) ;
370 egen temp2 = pctlile(m4_ln_incp), p(50) ;
371 egen temp3 = pctlile(m4_ln_incp), p(75) ;
372
373 gen      m4_inccp = 1 if m4_ln_incp < temp1 ;
374 replace m4_inccp = 2 if m4_ln_incp >=temp1 & m4_ln_incp <= temp2 ;
375 replace m4_inccp = 3 if m4_ln_incp >=temp2 & m4_ln_incp <= temp3 ;
376 replace m4_inccp = 4 if m4_ln_incp > temp3 & m4_ln_incp ~=. ;
377 drop temp* ;
378
379 sum m4_inccp m4_ln_incp ;
380 table m4_inccp, contents(min m4_ln_incp max m4_ln_incp) ;
381
382 * Create categorical ovatt--ovatt is an index of physical attractiveness, grooming, and
personality attractiveness *;
383
384 egen temp1 = pctlile(f3_ovatt), p(25) ;
385 egen temp2 = pctlile(f3_ovatt), p(50) ;
386 egen temp3 = pctlile(f3_ovatt), p(75) ;
387
388 gen      f3_ovattc = 1 if f3_ovatt < temp1 ;
389 replace f3_ovattc = 2 if f3_ovatt >=temp1 & f3_ovatt <= temp2 ;
390 replace f3_ovattc = 3 if f3_ovatt >=temp2 & f3_ovatt <= temp3 ;
391 replace f3_ovattc = 4 if f3_ovatt > temp3 & f3_ovatt ~=. ;
392 drop temp* ;
393

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394 sum f3_ovattc f3_ovatt ;
395 table f3_ovattc, contents(min f3_ovatt max f3_ovatt) ;
396
397 egen temp1 = pctile(m3_ovatt), p(25) ;
398 egen temp2 = pctile(m3_ovatt), p(50) ;
399 egen temp3 = pctile(m3_ovatt), p(75) ;
400
401 gen m3_ovattc = 1 if m3_ovatt < temp1 ;
402 replace m3_ovattc = 2 if m3_ovatt >=temp1 & m3_ovatt <= temp2 ;
403 replace m3_ovattc = 3 if m3_ovatt >=temp2 & m3_ovatt <= temp3 ;
404 replace m3_ovattc = 4 if m3_ovatt > temp3 & m3_ovatt ~. ;
405 drop temp* ;
406
407 sum m3_ovattc m3_ovatt ;
408 table m3_ovattc, contents(min m3_ovatt max m3_ovatt) ;
409
410
411 ***** DESCRIPTIVES *****;
412
413 * Correlations of her and his SES by combinations of her and his physical attractiveness *;
414 * Note: I combined 1 (very physically unattractive) and 2 (physically unattractive) for
this because so few people are rated as 1s ;
415
416 recode m3_physatt 1=2, gen(m3_physatt4) ;
417 recode f3_physatt 1=2, gen(f3_physatt4) ;
418 tab m3_physatt m3_physatt4 if _mj==0 ;
419 tab f3_physatt f3_physatt4 if _mj==0 ;
420
421 /* I am commenting out the descriptive statistics below because of small cell sizes--see
note at top of program. Cell sizes are small because very few couples have
substantially-disparate levels of attractiveness.
422 tab m3_physatt f3_physatt if _mj==0 ;
423 tab m3_physatt4 f3_physatt4 if _mj==0 ;
424 bysort m3_physatt4 f3_physatt4: pwcorr m3_yrsedu f3_yrsedu m3_sei f3_sei if _mj==0 &
m3_physatt4~. & f3_physatt4~., sig ;
425 */
426
427 * Correlations of her and his SES by combinations of her and his overall
attractiveness--ovatt is an index of physical attractiveness, grooming, and personality
attractiveness *;
428
429 * more couples differ on this than on the direct measure of physical attractiveness so I do
not need to comment it out. ;
430 tab m3_ovattc f3_ovattc if _mj==0 ;
431 bysort m3_ovattc f3_ovattc: pwcorr m3_yrsedu f3_yrsedu m3_sei f3_sei if _mj==0 & m3_ovattc
~. & f3_ovattc~., sig ;
432
433 /* I am commenting out the descriptive statistics below because of small cell sizes--see
note at top of program.
434 tab m3_edu4 f3_edu4 if _mj==0 ;
435 bysort m3_edu4 f3_edu4: pwcorr m3_physatt f3_physatt if _mj==0 & m3_edu4~. & f3_edu4~.,
sig ;
436 bysort m3_edu4 f3_edu4: pwcorr m3_ovattc f3_ovattc if _mj==0 & m3_edu4~. & f3_edu4~.,
sig ;
437 */
438
439 * do not need to comment this out--cell sizes okay ;
440 tab m3_ee_cgrdp f3_ee_cgrdp if _mj==0 ;
441 bysort m3_ee_cgrdp f3_ee_cgrdp: pwcorr m3_physatt f3_physatt if _mj==0 & m3_ee_cgrdp~. &
f3_ee_cgrdp~., sig ;
442 bysort m3_ee_cgrdp f3_ee_cgrdp: pwcorr m3_ovattc f3_ovattc if _mj==0 & m3_ee_cgrdp~. &
f3_ee_cgrdp~., sig ;
443
444 * do not need to comment this out--cell sizes okay ;
445 tab f3_seic m3_seic if _mj==0;
446 bysort m3_seic f3_seic: pwcorr m3_physatt f3_physatt if _mj==0 & m3_seic~. & f3_seic~.,
sig ;
447 bysort m3_seic f3_seic: pwcorr m3_ovattc f3_ovattc if _mj==0 & m3_seic~. & f3_seic~.,
sig ;
448

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449 *** TABLE 1 ***;
450
451 * actual sample ;
452
453 tab1 f3_physatt m3_physatt
454     marital f3_marital m3_marital if _mj==0 ;
455
456 sum f3_physatt m3_physatt
457     f3_ovatt m3_ovatt
458     f3_health m3_health
459     f3_ee_cgrdp m3_ee_cgrdp
460     f3_yrsedu m3_yrsedu
461     f3_sei m3_sei
462     f4_sei m4_sei
463     f1_wc_sei m1_wc_sei
464     f1_wc_hh7 m1_wc_hh7
465     f3_inc m3_inc
466     f4_inc m4_inc
467     f3_black f3_otall m3_black m3_otall c3_black c3_otall c3_othsp c3_hisp c3_other c3_mixed
468     f3_calcage3 m3_calcage3 c3_calcage3 mf3_calcage3
469     f3_rdur m3_rdur c3_rdur relpduravg if _mj==0 ;
470
471 sum f3_inc f3_ln_inc if _mj==0 ;
472 sum f3_inc f3_ln_inc if _mj>0 ;
473
474 sum m3_inc m3_ln_inc if _mj==0 ;
475 sum m3_inc m3_ln_inc if _mj>0 ;
476
477 foreach v in 3_bmi_3 3_health 3_sei 3_inc { ;
478     sum f`v' m`v' if _mj==0 ;
479     sum f`v' m`v' if _mj>0 ;
480     ttest f`v'=m`v' if _mj==0 ;
481     ttest f`v'=m`v' if _mj>0 ;
482 };
483
484 foreach v in 4_sei 4_inc { ;
485     sum f`v' m`v' if _mj==0 ;
486     sum f`v' m`v' if _mj>0 ;
487     ttest f`v'=m`v' if _mj>0 ;
488 };
489
490
491 * imputed sample ;
492
493 tab1 f3_physatt m3_physatt
494     marital f3_marital m3_marital if _mj>0 ;
495
496 sum f3_physatt m3_physatt
497     f3_ovatt m3_ovatt
498     f3_health m3_health
499     f3_ee_cgrdp m3_ee_cgrdp
500     f3_yrsedu m3_yrsedu
501     f4_sei m4_sei
502     f4_seip m4_seip
503     f1_wc_sei m1_wc_sei
504     f1_wc_hh7 m1_wc_hh7
505     f4_incp m4_incp
506     f3_black f3_otall m3_black m3_otall c3_black c3_otall c3_othsp c3_hisp c3_other c3_mixed
507     f3_calcage3 m3_calcage3 c3_calcage3 mf3_calcage3
508     f3_rdur m3_rdur c3_rdur relpduravg if _mj>0 ;
509 * Note: In the sum above c3_rdur has negative values (which are impossible) because ice
510 sometimes imputes out-of-range values. I use relpduravg so it does not matter. ;
511
512 *** TABLE 2 ***;
513
514 gen f3_bmi_rev=f3_bmi_3*-1 ;
515 gen f3_cesd9_rev=f3_cesd9*-1 ;
516 gen m3_bmi_rev=m3_bmi_3*-1 ;
517 gen m3_cesd9_rev=m3_cesd9*-1 ;

```



```

518 * Compare imputed to non-imputed. Remember that p-values for imputed data are
unrealistically small because this pools all 10 imputed datasets (large N) and does not
account for between-imputation variation. This is just to get a rough idea of whether
imputation changed any of the associations dramatically. ;
519
520 forvalues i=0/1 { ;
521
522 display "imputed=`i'" ;
523
524 pwcorr f3_ovatt f3_bmi_rev f3_health f3_yrsedu f3_ee_cgrdp f4_seip f3_sei f3_citi f3_inc
f4_inc f4_incp f3_cesd9_rev f3_emosup if imputed==`i', sig obs ;
525
526 display "imputed=`i'" ;
527
528 pwcorr m3_ovatt m3_bmi_rev m3_health m3_yrsedu m3_ee_cgrdp m4_seip m3_sei m3_citi m3_inc
m4_inc m4_incp m3_cesd9_rev m3_emosup if imputed==`i', sig obs ;
529
530 display "imputed=`i'" ;
531
532 foreach v in f3_physatt f3_health f3_peratt f3_groomed { ;
533 display "`v' and ovatt" ;
534 spearman `v' f3_ovatt if imputed==`i' ;
535 display "`v' and yrsedu" ;
536 spearman `v' f3_yrsedu if imputed==`i' ;
537 display "`v' and cgrdp" ;
538 spearman `v' f3_ee_cgrdp if imputed==`i' ;
539 display "`v' and seip" ;
540 spearman `v' f4_seip if imputed==`i' ;
541 display "`v' and sei" ;
542 spearman `v' f3_sei if imputed==`i' ;
543 display "`v' and inc" ;
544 spearman `v' f3_inc if imputed==`i' ;
545 display "`v' and inc" ;
546 spearman `v' f4_incp if imputed==`i' ;
547 } ;
548
549 display "imputed=`i'" ;
550
551 foreach v in m3_physatt m3_health m3_peratt m3_groomed { ;
552 display "`v' and ovatt" ;
553 spearman `v' m3_ovatt if imputed==`i' ;
554 display "`v' and yrsedu" ;
555 spearman `v' m3_yrsedu if imputed==`i' ;
556 display "`v' and cgrdp" ;
557 spearman `v' m3_ee_cgrdp if imputed==`i' ;
558 display "`v' and seip" ;
559 spearman `v' m4_seip if imputed==`i' ;
560 display "`v' and sei" ;
561 spearman `v' m3_sei if imputed==`i' ;
562 display "`v' and inc" ;
563 spearman `v' m3_inc if imputed==`i' ;
564 display "`v' and inc" ;
565 spearman `v' m4_incp if imputed==`i' ;
566 } ;
567
568 } ;
569
570 * Given the imputed data I average p-values across imputed datasets. Using all 10 together
would make confidence intervals misleadingly wide because the N would be falsely inflated.
Really, I ought to further adjust for variation between datasets as I do in program4.
These p-values might have a slight downward bias. That is, true confidence intervals after
accounting for variation between datasets would be slightly wider. But it did not seem to
make any difference in practice. ;
571
572 forvalues i=1/10 { ;
573 pwcorr f3 ovatt f3 bmi_rev f4 incp if mj==`i', sig ;
574 } ;
575 display (0.0000+0.0001+0.0000+0.0000+0.0027+0.0000+0.0000+0.0000+0.0004+0.0003)/10 ;
576
577 forvalues i=1/10 { ;

```

```

578 spearman f3_physatt f4_incp if _mj==`i' ;
579 } ;
580 display (.0115+.0222+.0037+.0023+.1037+.0037+.0010+.0178+.0529+.04)/10 ;
581
582 forvalues i=1/10 { ;
583 spearman f3_health f4_incp if _mj==`i' ;
584 } ;
585 display (.0002+0+.0001+0+0+.0002+.0002+0+.001+.003)/10 ;
586
587 forvalues i=1/10 { ;
588 spearman f3_physatt f4_seip if _mj==`i' ;
589 } ;
590
591 forvalues i=1/10 { ;
592 spearman f3_health f4_seip if _mj==`i' ;
593 } ;
594
595 forvalues i=1/10 { ;
596 pcorr m3_ovatt m3_bmi_rev m4_incp if _mj==`i', sig ;
597 } ;
598 display (0.0001+0.0000+0.0000+0.0000+0.0000+0.0000+0.0000+0.0000+0.0000+0.0000)/10 ;
599
600 forvalues i=1/10 { ;
601 spearman m3_physatt m4_incp if _mj==`i' ;
602 } ;
603 display (0.0004+0.0000+0.0019+0.0001+0.0002+0.0003+0.0051+0.0001+0.0000+0.0006)/10 ;
604
605 forvalues i=1/10 { ;
606 spearman m3_health m4_incp if _mj==`i' ;
607 } ;
608 display(0.0002+0.0001+0.0017+0.0000+0.0000+0.0014+0.0004+0.0000+0.0000+0.0000)/10 ;
609
610 *** TABLE 3 ***;
611
612 * Compare imputed to non-imputed. Remember that p-values for imputed data are
unrealistically small because this pools all 10 imputed datasets (large N) and does not
account for between-imputation variation. This is just to get a rough idea of whether
imputation changed any of the associations dramatically. ;
613
614 forvalues i=0/1 { ;
615
616 display "imputed=`i'" ;
617
618 pcorr m3_ovatt f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
619 pcorr m3_bmi_rev f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
620 pcorr m3_yrsedu f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
621 pcorr m3_ee_cgrdp f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
622 pcorr m4_seip f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
623 pcorr m4_inc f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc f4_incp
if imputed==`i', sig obs ;
624 pcorr m4_incp f3_ovatt f3_bmi_rev f3_yrsedu f3_ee_cgrdp f4_sei f4_seip f3_inc f4_inc
f4_incp if imputed==`i', sig obs ;
625
626 display "imputed=`i'" ;
627
628 foreach v in physatt health { ;
629 spearman f3_`v' m3_physatt if imputed==`i' ;
630 spearman f3_`v' m3_ovatt if imputed==`i' ;
631 spearman f3_`v' m3_bmi_rev if imputed==`i' ;
632 spearman f3_`v' m3_health if imputed==`i' ;
633 spearman f3_`v' m3_yrsedu if imputed==`i' ;
634 spearman f3_`v' m3_ee_cgrdp if imputed==`i' ;
635 spearman f3_`v' m4_sei if imputed==`i' ;
636 spearman f3_`v' m4_seip if imputed==`i' ;
637 spearman f3_`v' m3_inc if imputed==`i' ;

```

```

638 spearman f3 `v' m4_inc if imputed==`i' ;
639 spearman f3 `v' m4_incp if imputed==`i' ;
640 } ;
641
642 display "imputed=`i'" ;
643 foreach v in physatt health { ;
644 spearman m3 `v' f3_ovatt if imputed==`i' ;
645 spearman m3 `v' f3_bmi_rev if imputed==`i' ;
646 spearman m3 `v' f3_health if imputed==`i' ;
647 spearman m3 `v' f3_yrsedu if imputed==`i' ;
648 spearman m3 `v' f3_ee_cgrdp if imputed==`i' ;
649 spearman m3 `v' f4_sei if imputed==`i' ;
650 spearman m3 `v' f4_seip if imputed==`i' ;
651 spearman m3 `v' f3_inc if imputed==`i' ;
652 spearman m3 `v' f4_inc if imputed==`i' ;
653 spearman m3 `v' f4_incp if imputed==`i' ;
654 } ;
655
656 } ;
657
658 * Given the imputed data I average p-values across imputed datasets. See comment above. ;
659
660 foreach v in m3_ovatt m3_bmi_rev m3_yrsedu m3_ee_cgrdp m4_seip m4_incp { ;
661 displa "all imputed" ;
662 pwcorr `v' f4_seip f4_incp if _mj>0, sig ;
663 forvalues i=1/10 { ;
664 display "mj=`i'" ;
665 pwcorr `v' f4_seip f4_incp if _mj==`i', sig ;
666 } ; } ;
667 display (.1082+.0194+.0316+.0442+.0702+.1063+.0474+.1332+.0805+.0651)/10 ;
668 display (.6248+.0441+.0544+.0487+.4223+.5985+.0567+.1274+.1855+.2018)/10 ;
669
670 foreach v in m3_bmi_rev { ;
671 displa "all imputed" ;
672 pwcorr `v' f3_ovatt f3_yrsedu if _mj>0, sig ;
673 forvalues i=1/10 { ;
674 display "mj=`i'" ;
675 pwcorr `v' f3_ovatt f3_yrsedu if _mj==`i', sig ;
676 } ; } ;
677 display (.0000+.0505+.0438+.0468+.0494+.0521+.0741+.0488+.0518+.0837+.0263)/10 ;
678
679 foreach v in m4_seip m4_incp { ;
680 forvalues i=1/10 { ;
681 spearman f3_physatt `v' if _mj==`i' ;
682 } ;
683 forvalues i=1/10 { ;
684 spearman f3_health `v' if _mj==`i' ;
685 } ;
686 } ;
687
688 forvalues i=1/10 { ;
689 spearman m3_physatt f3_bmi_rev if _mj==`i' ;
690 } ;
691
692 forvalues i=1/10 { ;
693 spearman m3_physatt f3_health if _mj==`i' ;
694 } ;
695
696 forvalues i=1/10 { ;
697 spearman m3_physatt f4_seip if _mj==`i' ;
698 } ;
699
700 forvalues i=1/10 { ;
701 spearman m3_physatt f4_incp if _mj==`i' ;
702 } ;
703 display (.0023+.0023+.0002+.0044+.0243+.0007+.0023+.0004+.0005+.0048)/10 ;
704
705 forvalues i=1/10 { ;
706 spearman m3_bmi_rev f3_physatt if _mj==`i' ;
707 } ;

```

```

708 display (.0053+.00041+.0039+.0088+.0079+.0103+.0085+.0051+.0083+.0064)/10 ;
709
710 foreach v in seip incp { ;
711 display "all imputed" ;
712 spearman m3_health f4_`v' if _mj>0 ;
713 forvalues i=1/10 { ;
714 display "mj=`i'" ;
715 spearman m3_health f4_`v' if _mj==`i' ;
716 } ;
717 } ;
718
719 forvalues i=1/10 { ;
720 spearman m4_incp f3_physatt if _mj==`i' ;
721 } ;
722 display (.0030+.0008+.0204+.0085+.0509+.2493+.3817+.0761+.0059+.0256)/10 ;
723
724 forvalues i=1/10 { ;
725 pwcorr m4_incp f3_ovatt if _mj==`i', sig ;
726 } ;
727 display (.0008+.0000+.0002+.0005+.0007+.0059+.0063+.0038+.0002+.0002)/10 ;
728
729 *** TABLE 4 ***;
730
731 gen mf4_seip = m4_seip - f4_seip ;
732
733 gen mf4_incp = m4_incp - f4_incp ;
734
735 gen mf1_dad_sei = m1_dad_sei - f1_dad_sei ;
736
737 gen mf4_inc = exp(m4_ln_incp) - exp(f4_ln_incp) ;
738
739 gen fm3_cesd9 = f3_cesd9 - m3_cesd9 ;
740
741 gen mf3_cesd9r = mf3_cesd9*(-1) ;
742
743 gen mf3_bmir = mf3_bmi*(-1) ;
744
745 * actual sample ;
746
747 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_sei mf3_income mf3_ahpvt
mf1_dad_sei { ;
748 pwcorr `ses' mf3_physatt mf3_ovatt mf3_groomed mf3_peratt mf3_health mf3_emosup fm3_calcage
fm3_cesd9 mf3_bmir if _mj==0, sig obs ;
749 } ;
750
751 bysort marital: pwcorr mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf3_calcage mf3_sei
mf3_income mf3_ahpvt mf1_dad_sei if _mj==0, sig obs ;
752
753 * imputed ;
754
755 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_sei mf3_income mf3_ahpvt
mf1_dad_sei { ;
756 pwcorr `ses' mf3_physatt mf3_ovatt mf3_groomed mf3_peratt mf3_health mf3_emosup fm3_calcage
mf3_cesd9r mf3_bmir if _mj>0, sig obs ;
757 } ;
758
759 forvalues i=1/10 { ;
760 pwcorr mf4_seip mf3_ovatt if _mj==`i', sig ;
761 } ;
762 display (.0031+.2054+.0182+.0006+.0316+.0007+.0104+.0168+.0054+.0192)/10 ;
763
764 forvalues i=1/10 { ;
765 pwcorr mf4_incp mf3_bmir if _mj==`i', sig ;
766 } ;
767 display (.0000+.0001+.0002+.0007+.0014+.0008+.0000+.0014+.0003+.0001)/10 ;
768
769
770 bysort marital: pwcorr mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf3_calcage mf3_sei
mf3_income mf3_ahpvt mf1_dad_sei if _mj~=0, sig obs ;
771

```

```

772 * if couple differs on attractiveness ;
773 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_calcage if _mj==0
    & (f3_physatt~=m3_physatt), sig obs ;
774 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_calcage if _mj>0
    & (f3_physatt~=m3_physatt), sig obs ;
775 forvalues i=1/10 { ;
776 pwcorr mf3_ovatt mf4_seip mf4_incp if _mj==`i' & (f3_physatt~=m3_physatt), sig obs ;
777 } ;
778 display (.0238+.4923+.1020+.0025+.0561+.0043+.0397+.0487+.0120+.0706)/10 ;
779
780 * if couple differs on attractiveness index ;
781 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj>0 & (f3_ovattc
    ~=m3_ovattc), sig obs ;
782 forvalues i=1/10 { ;
783 pwcorr mf3_ovatt mf4_seip mf4_incp if _mj==`i' & (f3_ovattc~=m3_ovattc), sig obs ;
784 } ;
785 display (.0144+.3789+.0704+.0026+.0693+.0035+.0356+.0378+.0202+.0709)/10 ;
786
787 * if couple differs on college status ;
788 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_calcage if _mj==0
    & (f3_ee_cgrdp~=m3_ee_cgrdp), sig obs ;
789 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp mf3_calcage if _mj>0
    & (f3_ee_cgrdp~=m3_ee_cgrdp), sig obs ;
790 forvalues i=1/10 { ;
791 pwcorr mf3_physatt mf3_yrsedu mf3_ee_cgrdp mf4_seip if _mj==`i' & (f3_ee_cgrdp~=m3_ee_cgrdp
    ), sig obs ;
792 } ;
793 display (.0415+.0653+.0501+.0225+.0690+.0144+.0210+.0342+.0254+.0397)/10 ;
794
795 forvalues i=1/10 { ;
796 pwcorr mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==`i' & (f3_ee_cgrdp~=
    m3_ee_cgrdp), sig obs ;
797 } ;
798 display (.0145+.0279+.0148+.0040+.0217+.0028+.0054+.0177+.0074+.0125)/10 ;
799
800 * minority female-white male couples a la Sassler & Joyner 2011 ;
801 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==0 & (f3_white
    ==0 & m3_white==1), sig obs ;
802 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj>0 & (f3_white
    ==0 & m3_white==1), sig obs ;
803 forvalues i=1/10 { ;
804 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==`i' & (
    f3_white==0 & m3_white==1), sig obs ;
805 } ;
806
807 * low-SES women (father's occ SEI score or hh7 score indicates working class) a la Elder
    1969 ;
808 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==0 & (
    f1_wc_hh7==1), sig obs ;
809 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj>0 & (f1_wc_hh7
    ==1), sig obs ;
810
811 * He is 5+ years older ;
812 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==0 & (
    mf3_calcage>=5), sig obs ;
813 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj>0 & (
    mf3_calcage>=5), sig obs ;
814
815 * Married couples ;
816 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj==0 & (marital
    ==1), sig obs ;
817 pwcorr mf3_physatt mf3_ovatt mf3_yrsedu mf3_ee_cgrdp mf4_seip mf4_incp if _mj>0 & (marital==
    1), sig obs ;
818
819 *** For appendix on interracial couples ***;
820
821 ** Table B1 **;
822
823 * not imputed *;
824

```

```

825 * white men ;
826 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj==0 ;
827 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj==0 & marital
==1 ;
828 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj==0 & marital
==2 ;
829 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj==0 & marital
==3 ;

830
831 * minority men ;
832 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj==0 ;
833 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj==0 & marital
==1 ;
834 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj==0 & marital
==2 ;
835 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj==0 & marital
==3 ;

836
837 * white women ;
838 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj==0 ;
839 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj==0 & marital
==1 ;
840 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj==0 & marital
==2 ;
841 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj==0 & marital
==3 ;

842
843 * minority women ;
844 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj==0 ;
845 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj==0 & marital
==1 ;
846 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj==0 & marital
==2 ;
847 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj==0 & marital
==3 ;

848
849 * imputed *;
850
851 * white men ;
852 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj>0 ;
853 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj>0 & marital==
1 ;
854 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj>0 & marital==
2 ;
855 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4==1 & _mj>0 & marital==
3 ;

856
857 * minority men ;
858 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj>0 ;
859 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj>0 & marital==
1 ;
860 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj>0 & marital==
2 ;
861 sum m3_physatt m3_yrsedu m3_ee_cgrdp m3_calcage m3_income if m3_race4~=1 & _mj>0 & marital==
3 ;

862
863 * white women ;
864 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj>0 ;
865 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj>0 & marital==
1 ;
866 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj>0 & marital==
2 ;
867 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4==1 & _mj>0 & marital==
3 ;

868
869 * minority women ;
870 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj>0 ;
871 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj>0 & marital==
1 ;
872 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj>0 & marital==

```

```

2 ;
873 sum f3_physatt f3_yrsedu f3_ee_cgrdp f3_calcage f3_income if f3_race4~=1 & _mj>0 & marital==
3 ;
874
875 *** standardize all non-categorical variables ***;
876
877 * first create "regular" non-std physatt vars for DVs in ologit *;
878 gen reg_f3_physatt = f3_physatt ;
879 gen reg_m3_physatt = m3_physatt ;
880
881 gen mf3_hh7 = m3_hh7-f3_hh7 ;
882
883 gen reg_mf3_calcage3 = mf3_calcage ;
884
885 * next, standardize *;
886 foreach var in
887 m3_physatt
888 m3_peratt
889 m3_groomed
890 m3_calcage3
891 m3_sesidx
892 m3_yrsedu
893 m3_ahpvt
894 m1_dad_hh7
895 m1_mom_hh7
896 m3_hh7
897 m4_hh7
898 m3_sei
899 m3_npboss90
900 m4_sei
901 m4_npboss90
902 m1_dad_sei
903 m1_dad_npboss90
904 f3_physatt
905 f3_peratt
906 f3_groomed
907 f3_calcage3
908 f3_sesidx
909 f3_yrsedu
910 f3_ahpvt
911 f1_dad_hh7
912 f1_mom_hh7
913 f3_hh7
914 f3_sei
915 f3_npboss90
916 f1_dad_sei
917 f1_dad_npboss90
918 m3_rdur
919 f3_rdur
920 f4_hh7
921 f4_sei
922 f4_npboss90
923 m3_ln_income
924 f3_ln_income
925 m3_emosup
926 f3_emosup
927 c3_rdur
928 relpduravg
929 f3_ovatt
930 m3_ovatt
931 f3_ovatt2
932 m3_ovatt2
933 mf3_physatt
934 fm3_physatt
935 mf3_groomed
936 fm3_groomed
937 mf3_sesidx
938 fm3_sesidx
939 mf3_yrsedu
940 fm3_yrsedu

```

```

941 mf3_ln_income
942 fm3_ln_income
943 mf3_ahpvt
944 fm3_ahpvt
945 mf3_peratt
946 fm3_peratt
947 mf3_emosup
948 fm3_emosup
949 mf3_calcage3
950 fm3_calcage3
951 mf3_ovatt
952 fm3_ovatt
953 mf3_sei
954 fm3_sei
955 mf3_npboss90
956 fm3_npboss90
957 mf3_income
958 fm3_income
959 hh7_diff
960 hh7_diff4
961 hh7_m3d_diff
962 npboss90_m3d_diff
963 hh7_f3d_diff
964 npboss90_f3d_diff
965 hh7_m3m_diff
966 hh7_f3m_diff
967 hh7_dad_diff
968 npboss90_dad_diff
969 hh7_mom_diff
970 hh7_m4d_diff
971 npboss90_m4d_diff
972 npboss90_f4d_diff
973 hh7_f4d_diff
974 hh7_m4m_diff
975 hh7_f4m_diff
976 c3_calcage3
977 mf3_hh7_mob_diff
978 mf3_npb_mob_diff
979 mf3_hh7
980 m4_ln_inc
981 f4_ln_inc
982 m4_ln_incp
983 f4_ln_incp
984 f3_health
985 m3_health
986 f3_cesd9
987 m3_cesd9
988 f4_seip
989 m4_seip
990 mf4_seip
991 { ;
992     quietly: egen temp = std(`var') ;
993     quietly: replace `var' = temp ;
994     quietly: drop temp ;
995 } ;
996
997 sum ;
998
999 foreach var in rdur cohab married black other { ;
1000
1001 gen mf3_physX`var' = mf3_physatt*c3_`var' ;
1002 gen f3_physX`var' = f3_physatt*f3_`var' ;
1003 gen m3_physX`var' = m3_physatt*m3_`var' ;
1004
1005 gen mf3_yedX`var' = mf3_yrsedu*c3_`var' ;
1006 gen f3_yedX`var' = f3_yrsedu*f3_`var' ;
1007 gen m3_yedX`var' = m3_yrsedu*m3_`var' ;
1008
1009 gen f3_hh7_ddX`var' = hh7_f3d_diff*f3_`var' ;
1010 gen m3_hh7_ddX`var' = hh7_m3d_diff*m3_`var' ;

```



```

1011
1012 gen f3_seiX`var' = f3_sei*f3_`var' ;
1013 gen m3_seiX`var' = m3_sei*m3_`var' ;
1014
1015 gen f3_npbX`var' = f3_npboss90*f3_`var' ;
1016 gen m3_npbX`var' = m3_npboss90*m3_`var' ;
1017
1018 } ;
1019
1020 foreach var in hh7 sei npboss90 { ;
1021
1022 gen f3_physXwc_`var' = f3_physatt*f1_wc_`var' ;
1023 gen m3_physXwc_`var' = m3_physatt*m1_wc_`var' ;
1024
1025 gen f3_yedXwc_`var' = f3_yrsedu*f1_wc_`var' ;
1026 gen m3_yedXwc_`var' = m3_yrsedu*m1_wc_`var' ;
1027
1028 } ;
1029
1030 gen diff_3yrseu = 1 if m3_edu4~=f3_edu4 ;
1031 gen diff_3cgr = 1 if m3_ee_cgrdp~=f3_ee_cgrdp ;
1032 gen diff_4seip = 1 if m4_seic~=f4_seic ;
1033
1034 * interactions ;
1035
1036
1037 gen mar12=mar1 ; replace mar12=1 if mar2==1 ;
1038 tab marital mar12 ;
1039
1040 gen m3_paXmar1 = m3_physatt*mar1 ;
1041 gen m3_paXmar2 = m3_physatt*mar2 ;
1042 gen m3_paXmar12 = m3_physatt*mar12 ;
1043
1044 gen f3_paXmar1 = f3_physatt*mar1 ;
1045 gen f3_paXmar2 = f3_physatt*mar2 ;
1046 gen f3_paXmar12 = f3_physatt*mar12 ;
1047
1048 gen f3_paXdadsei = f3_physatt*f1_dad_sei ;
1049
1050 gen m3_cgXmar1 = m3_ee_cgrdp*mar1 ;
1051 gen m3_cgXmar2 = m3_ee_cgrdp*mar2 ;
1052 gen m3_cgXmar12 = m3_ee_cgrdp*mar12 ;
1053
1054 gen f3_cgXmar1 = f3_ee_cgrdp*mar1 ;
1055 gen f3_cgXmar2 = f3_ee_cgrdp*mar2 ;
1056 gen f3_cgXmar12 = f3_ee_cgrdp*mar12 ;
1057
1058 gen m3_yrsXmar1 = m3_yrsedu*mar1 ;
1059 gen m3_yrsXmar2 = m3_yrsedu*mar2 ;
1060 gen m3_yrsXmar12 = m3_yrsedu*mar12 ;
1061
1062 gen f3_yrsXmar1 = f3_yrsedu*mar1 ;
1063 gen f3_yrsXmar2 = f3_yrsedu*mar2 ;
1064 gen f3_yrsXmar12 = f3_yrsedu*mar12 ;
1065
1066 gen m4_seipXmar1 = m4_seip*mar1 ;
1067 gen m4_seipXmar2 = m4_seip*mar2 ;
1068 gen m4_seipXmar12 = m4_seip*mar12 ;
1069
1070 gen f4_seipXmar1 = f4_seip*mar1 ;
1071 gen f4_seipXmar2 = f4_seip*mar2 ;
1072 gen f4_seipXmar12 = f4_seip*mar12 ;
1073
1074 gen m3_paXrdur1 = m3_physatt*rdur1 ;
1075 gen m3_paXrdur2 = m3_physatt*rdur2 ;
1076
1077 gen f3_paXrdur1 = f3_physatt*rdur1 ;
1078 gen f3_paXrdur2 = f3_physatt*rdur2 ;
1079
1080 gen m3_cgXrdur1 = m3_ee_cgrdp*rdur1 ;

```

```

1081 gen m3_cgXrdur2 = m3_ee_cgrdp*rdur2 ;
1082
1083 gen f3_cgXrdur1 = f3_ee_cgrdp*rdur1 ;
1084 gen f3_cgXrdur2 = f3_ee_cgrdp*rdur2 ;
1085
1086 gen m3_yrsXrdur1 = m3_yrsedu*rdur1 ;
1087 gen m3_yrsXrdur2 = m3_yrsedu*rdur2 ;
1088
1089 gen f3_yrsXrdur1 = f3_yrsedu*rdur1 ;
1090 gen f3_yrsXrdur2 = f3_yrsedu*rdur2 ;
1091
1092 gen m4_seipXrdur1 = m4_seip*rdur1 ;
1093 gen m4_seipXrdur2 = m4_seip*rdur2 ;
1094
1095 gen f4_seipXrdur1 = f4_seip*rdur1 ;
1096 gen f4_seipXrdur2 = f4_seip*rdur2 ;
1097
1098 gen f3_paXblk = f3_physatt*c3_black ;
1099 gen f3_paXhsp = f3_physatt*c3_hisp ;
1100 gen f3_paXmxd = f3_physatt*c3_mixed ;
1101 gen f3_paXota = f3_physatt*c3_otall ;
1102 gen f3_paXosh = f3_physatt*c3_othsp ;
1103 gen f3_paXoth = f3_physatt*c3_other ;
1104
1105 gen m3_paXblk = m3_physatt*c3_black ;
1106 gen m3_paXhsp = m3_physatt*c3_hisp ;
1107 gen m3_paXmxd = m3_physatt*c3_mixed ;
1108 gen m3_paXota = m3_physatt*c3_otall ;
1109 gen m3_paXosh = m3_physatt*c3_othsp ;
1110 gen m3_paXoth = m3_physatt*c3_other ;
1111
1112 gen f3_paXfblk = f3_physatt*f3_black ;
1113 gen f3_paXfhsp = f3_physatt*f3_hisp ;
1114 gen f3_paXfota = f3_physatt*f3_otall ;
1115
1116 gen m3_paXmblk = m3_physatt*m3_black ;
1117 gen m3_paXmhsp = m3_physatt*m3_hisp ;
1118 gen m3_paXmota = m3_physatt*m3_otall ;
1119
1120 gen diff_mf3_yrsedu = 1 if m3_edu4~=f3_edu4 ;
1121 gen diff_mf3_ee_cgrdp = 1 if m3_ee_cgrdp~=f3_ee_cgrdp ;
1122 gen diff_mf4_seip = 1 if m4_seic~=f4_seic ;
1123
1124
1125
1126 ***** SES AS DV *****;
1127
1128 macro drop _all ;
1129
1130 * Wave III years of completed education (problematic for enrolled students) ;
1131
1132 local m3yrseu = "reg m3_yrsedu" ;
1133 local f3yrseu = "reg f3_yrsedu" ;
1134
1135 local m3yrseuc = "reg m3_yrsedu f3_yrsedu" ;
1136 local f3yrseuc = "reg f3_yrsedu m3_yrsedu" ;
1137
1138 * Wave III expected/completed college degree status ;
1139
1140 local f3cg = "logistic f3_ee_cgrdp" ;
1141 local m3cg = "logistic m3_ee_cgrdp" ;
1142
1143 local f3cgc = "logistic f3_ee_cgrdp m3_ee_cgrdp" ;
1144 local m3cgc = "logistic m3_ee_cgrdp f3_ee_cgrdp" ;
1145
1146 * Wave IV college grad status ;
1147
1148 local f4cg = "logit f4_cgrdpp" ;
1149 local m4cg = "logit m4_cgrdpp" ;
1150

```

```

1151 local f4cgc = "logit f4_cgrdpp m4_cgrdpp" ;
1152 local m4cgc = "logit m4_cgrdpp f4_cgrdpp" ;
1153
1154 * Wave III SEI ;
1155
1156 local f3sei = "reg f3_sei" ;
1157 local m3sei = "reg m3_sei" ;
1158
1159 local f3seic = "reg f3_sei m3_sei" ;
1160 local m3seic = "reg m3_sei f3_sei" ;
1161
1162 * Wave IV forecast SEI ;
1163
1164 local f4seip = "reg f4_seip" ;
1165 local m4seip = "reg m4_seip" ;
1166
1167 local f4seipc = "reg f4_seip m4_seip" ;
1168 local m4seipc = "reg m4_seip f4_seip" ;
1169
1170 * Mobility measure a la Elder using Wave III SEI ;
1171
1172 gen f3_mob = m3_sei - f1_dad_sei ;
1173 gen m3_mob = f3_sei - m1_dad_sei ;
1174
1175 local f3mob = "reg f3_mob" ;
1176 local m3mob = "reg m3_mob" ;
1177
1178 local f3mobc = "reg f3_mob m3_mob f3_sei" ;
1179 local m3mobc = "reg m3_mob f3_mob m3_sei" ;
1180
1181 * Mobility measure a la Elder using Wave IV forecast SEI ;
1182
1183 gen f4_mob = m4_seip - f1_dad_sei ;
1184 gen m4_mob = f4_seip - m1_dad_sei ;
1185
1186 local f4mob = "reg f4_mob" ;
1187 local m4mob = "reg m4_mob" ;
1188
1189 local f4mobc = "reg f4_mob m4_mob m4_sei" ;
1190 local m4mobc = "reg m4_mob f4_mob m4_sei" ;
1191
1192 * Wave III income (problematic for enrolled students) ;
1193
1194 local f3inc = "reg f3_ln_inc" ;
1195 local m3inc = "reg m3_ln_inc" ;
1196
1197 local f3incc = "reg f3_ln_inc m3_ln_inc" ;
1198 local m3incc = "reg m3_ln_inc f3_ln_inc" ;
1199
1200 * Wave IV forecast income (very much endogenous to relp status, esp for women) ;
1201
1202 local f4incp = "reg f4_ln_incp" ;
1203 local m4incp = "reg m4_ln_incp" ;
1204
1205 local f4incpc = "reg f4_ln_incp m4_ln_incp" ;
1206 local m4incpc = "reg m4_ln_incp f4_ln_incp" ;
1207
1208 * Note: The code below estimates the models presented in Table 5. ;
1209
1210 * The models below demonstrate that there is often what seems to be support for
beauty-status exchange prior to controlling for mathcing and the within-individual
correlation of desirable traits. But it is generally eliminated in the final model that
does include these controls. There is some evidence of gender-stereotypical exchange
(women trade beauty for men's status) AND for reverse-stereotypical exchange (men trade
beauty for women's status) so there is no reason to think that if exchange occurs it is
gendered. But in neither case is evidence of exchange robust to alternative measures. It
is also not robust to alternative models, particularly the difference models. ;
1211
1212 foreach ses in 3yrsedu 3cg 4cg 3sei 4seip 3inc 4incp { ;
1213

```

```

1214   foreach pa in physatt ovatt { ;
1215
1216   display "Reverse-stereotypical (RS)--her SES as DV" ;
1217   display "uses physatt and `ses' - not controlling for partner - version 1 (PA --> SES)" ;
1218   display "full sample" ;
1219   display "this is model RS-#a in Table 5 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
1220   mim: `f`ses''
1221   m3 `pa'
1222   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1223   f3_pregnow ;
1224
1225   display "Gender-stereotypical (GS)--his SES as DV" ;
1226   display "uses physatt and `ses' - not controlling for partner - version 1 (PA --> SES)" ;
1227   display "full sample" ;
1228   display "this is model GS-#a in Table 5 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
1229   mim: `m`ses''
1230   f3 `pa'
1231   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1232   f3_pregnow ;
1233
1234   display "Reverse-stereotypical (RS)--her SES as DV" ;
1235   display "uses physatt and `ses' - complete control for partner - version 1 (PA --> SES)" ;
1236   display "full sample" ;
1237   display "this is model RS-#b in Table 5 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
1238   mim: `f`ses`c'
1239   m3 `pa' f3 `pa'
1240   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1241   f3_pregnow ;
1242
1243   display "Gender-stereotypical (GS)--his SES as DV" ;
1244   display "uses physatt and `ses' - complete control for partner - version 1 (PA --> SES)" ;
1245   display "full sample" ;
1246   display "this is model GS-#b in Table 5 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
1247   mim: `m`ses`c'
1248   f3 `pa' m3 `pa'
1249   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1250   f3_pregnow ;
1251
1252   } ; } ;
1253
1254   * Note: The mobility variables need to be interpreted differently. f#_mob means that she
is upwardly mobile--she has a partner who has higher status than her partner. If women use
physical attractiveness to achieve upward mobility, this is akin to gender-stereotypical
exchange. Thus, an association of her attractiveness and her mobility would be consistent
with gender-stereotypical exchange while an association of his attractiveness and his
mobility would be consistent with reverse-stereotypical exchange. This is different from
the models above in which an association of her attractiveness and his (the male partner's)
status would be consistent with gender-stereotypical exchange. There is some evidence that
upwardly-mobile men have better-looking partners but that is not beauty-status exchange.
Upwardly mobile men are upwardly mobile because they partner with women who have higher
status than the men's fathers--and these women are also attractive. So maybe these men
have done well for themselves but they are not exchanging thier beauty for women's
status--nor are women trading beauty for men's status. ;
1255
1256   foreach ses in 3mob 4mob { ;
1257
1258   foreach pa in physatt ovatt { ;
1259
1260   display "For mobility dv--her PA as IV and her mobility as DV (Her PA --> Her upward
socioeconomic mobility)" ;
1261   display "This is the gender-stereotypical exchange model." ;
1262   mim: `f`ses''
1263   f3 `pa'
1264   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1265   f3_pregnow ;
1266

```

```

1267 display "For mobility dv--his PA as IV and his mobility as DV (His PA --> His upward
socioeconomic mobility)" ;
1268 display "This is the reverse-stereotypical exchange model." ;
1269 mim: `m`ses'
1270 m3 `pa'
1271 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1272 f3_pregnow ;
1273
1274 display "For mobility dv--her PA as IV and her mobility as DV (Her PA --> Her upward
socioeconomic mobility)" ;
1275 display "This is the gender-stereotypical exchange model." ;
1276 mim: `f`ses'c'
1277 m3 `pa' f3 `pa'
1278 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1279 f3_pregnow ;
1280
1281 display "For mobility dv--his PA as IV and his mobility as DV (His PA --> His upward
socioeconomic mobility)" ;
1282 display "This is the reverse-stereotypical exchange model." ;
1283 mim: `m`ses'c'
1284 f3 `pa' m3 `pa'
1285 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1286 f3_pregnow ;
1287
1288 } ; } ;
1289
1290
1291 foreach ses in 3yrsedu 3cg 4seip { ;
1292
1293 * robustness checks--her SES as DV (reverse-stereotypical) *;
1294
1295 display "gender non-traditional" ;
1296 display "not imputed (not mim)" ;
1297 `f`ses'c'
1298 m3_physatt f3_physatt
1299 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1300 f3_pregnow if _mj == 0 ;
1301 display "Oldest 25%" ;
1302 mim: `f`ses'c'
1303 m3_physatt f3_physatt
1304 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1305 f3_pregnow if c3_old25p == 1 ;
1306 display "He is 5+ years older" ;
1307 mim: `f`ses'c'
1308 m3_physatt f3_physatt
1309 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1310 f3_pregnow if reg_mf3_calcage >= 5 ;
1311 display "She is at all older" ;
1312 mim: `f`ses'c'
1313 m3_physatt f3_physatt
1314 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1315 f3_pregnow if reg_mf3_calcage < 0 ;
1316 display "by marital status (1=married, 2=cohab, 3=dating)" ;
1317 forvalues i=1/3 { ;
1318 display "marital = `i'" ;
1319 mim: `f`ses'c'
1320 m3_physatt f3_physatt
1321 f3_calcage3 f3_black f3_otall relpduravg
1322 f3_pregnow if marital == `i' ;
1323 } ;
1324 display "by relp duration (short, med, long)" ;
1325 forvalues i=1(2)3 { ;
1326 display "relpdur = `i'" ;
1327 mim: `f`ses'c'
1328 m3_physatt f3_physatt
1329 f3_calcage3 f3_black f3_otall relpduravg mar1 mar2
1330 f3_pregnow if relpdur == `i' ;
1331 } ;
1332 display "Traditional gender atts (him)" ;
1333 mim: `f`ses'c'

```

```

1334   m3_physatt f3_physatt
1335   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1336   f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2) ;
1337   display "Traditional gender atts (him)" ;
1338   mim: `f`ses`c'
1339   m3_physatt f3_physatt
1340   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1341   f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2) ;
1342   display "Both white" ;
1343   mim: `f`ses`c'
1344   m3_physatt f3_physatt
1345   c3_calcage3 relpduravg mar1 mar2
1346   f3_pregnow if f3_white==1 & m3_white==1 ;
1347   display "Both white or both non-white" ;
1348   mim: `f`ses`c'
1349   m3_physatt f3_physatt
1350   c3_calcage3 relpduravg mar1 mar2
1351   f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0) ;
1352   display "white-minority" ;
1353   mim: `f`ses`c'
1354   m3_physatt f3_physatt
1355   c3_calcage3 relpduravg mar1 mar2
1356   f3_pregnow if (f3_white==1 & m3_white==0) | (f3_white==0 & m3_white==1) ;
1357   display "white male-minority female" ;
1358   mim: `f`ses`c'
1359   m3_physatt f3_physatt
1360   c3_calcage3 relpduravg mar1 mar2
1361   f3_pregnow if (f3_white==0 & m3_white==1) ;
1362   display "white female-minority male" ;
1363   mim: `f`ses`c'
1364   m3_physatt f3_physatt
1365   c3_calcage3 relpduravg mar1 mar2
1366   f3_pregnow if (f3_white==1 & m3_white==0) ;
1367   display "Exclude if both fulltime students" ;
1368   mim: `f`ses`c'
1369   m3_physatt f3_physatt
1370   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1371   f3_pregnow if c3_ftschl ~= 1 ;
1372   display "Use PA index" ;
1373   mim: `f`ses`c'
1374   m3_ovatt f3_ovatt
1375   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1376   f3_pregnow ;
1377   display "Same interviewer" ;
1378   mim: `f`ses`c'
1379   m3_physatt f3_physatt
1380   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1381   f3_pregnow if c3_sameint == 1 ;
1382   display "Same-race interviewer" ;
1383   mim: `f`ses`c'
1384   m3_physatt f3_physatt
1385   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1386   f3_pregnow if c3_sameraceint == 1 ;
1387   display "Not same-race interviewer" ;
1388   mim: `f`ses`c'
1389   m3_physatt f3_physatt
1390   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1391   f3_pregnow if c3_sameraceint == 0 ;
1392   display "cluster by his interviewer" ;
1393   mim: `f`ses`c'
1394   m3_physatt f3_physatt
1395   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1396   f3_pregnow, vce(cluster m3_intid) ;
1397   display "Differ on PA" ;
1398   mim: `f`ses`c'
1399   m3_physatt f3_physatt
1400   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1401   f3_pregnow if reg_f3_physatt~=reg_m3_physatt ;
1402
1403   * robustness checks--his SES as DV (gender-stereotypical) *;

```

```

1404
1405 display "not imputed (not mim)" ;
1406 `m`ses'c'
1407 f3_physatt m3_physatt
1408 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1409 f3_pregnow if _mj == 0 ;
1410 display "Oldest 25%" ;
1411 mim: `m`ses'c'
1412 f3_physatt m3_physatt
1413 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1414 f3_pregnow if c3_old25p == 1 ;
1415 display "He is 5+ years older" ;
1416 mim: `m`ses'c'
1417 f3_physatt m3_physatt
1418 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1419 f3_pregnow if reg mf3 calcage3 >= 5 ;
1420 display "She is at all older" ;
1421 mim: `m`ses'c'
1422 f3_physatt m3_physatt
1423 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1424 f3_pregnow if reg mf3 calcage3 < 0 ;
1425 display "by marital status (1=married, 2=cohab, 3=dating)" ;
1426 forvalues i=1/3 { ;
1427 display "marital = `i'" ;
1428 mim: `m`ses'c'
1429 f3_physatt m3_physatt
1430 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1431 f3_pregnow if marital == `i' ;
1432 } ;
1433 display "by relp duration (short, med, long)" ;
1434 forvalues i=1/3 { ;
1435 display "relpdur = `i'" ;
1436 mim: `m`ses'c'
1437 f3_physatt m3_physatt
1438 c3_calcage3 c3_black c3_othsp c3_mixed mar1 mar2
1439 f3_pregnow if relpdur == `i' ;
1440 } ;
1441 display "Traditional gender atts (him)" ;
1442 mim: `m`ses'c'
1443 f3_physatt m3_physatt
1444 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1445 f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2) ;
1446 display "Traditional gender atts (her)" ;
1447 mim: `m`ses'c'
1448 f3_physatt m3_physatt
1449 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1450 f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2) ;
1451 display "Both white" ;
1452 mim: `m`ses'c'
1453 f3_physatt m3_physatt
1454 c3_calcage3 relpduravg mar1 mar2
1455 f3_pregnow if f3_white==1 & m3_white==1 ;
1456 display "Both white or both non-white" ;
1457 mim: `m`ses'c'
1458 f3_physatt m3_physatt
1459 c3_calcage3 relpduravg mar1 mar2
1460 f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0) ;
1461 display "white-minority" ;
1462 mim: `m`ses'c'
1463 f3_physatt m3_physatt
1464 c3_calcage3 relpduravg mar1 mar2
1465 f3_pregnow if (f3_white==1 & m3_white==0) | (f3_white==0 & m3_white==1) ;
1466 display "white male-minority female" ;
1467 mim: `m`ses'c'
1468 f3_physatt m3_physatt
1469 c3_calcage3 relpduravg mar1 mar2
1470 f3_pregnow if (f3_white==0 & m3_white==1) ;
1471 display "white female-minority male" ;
1472 mim: `m`ses'c'
1473 f3_physatt m3_physatt

```



```

1474     c3_calcage3 relpduravg mar1 mar2
1475     f3_pregnow if (f3_white==1 & m3_white==0) ;
1476     display "race as a dimension of exchange" ;
1477     mim: `m`ses`c'
1478     f3_physatt m3_physatt
1479     c3_calcage3 relpduravg mar1 mar2
1480     f3_pregnow
1481     c3_minrc c3_wm_mf c3_mm_wf ;
1482     display "Exclude if both fulltime students" ;
1483     mim: `m`ses`c'
1484     f3_physatt m3_physatt
1485     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1486     f3_pregnow if c3_ftschl ~= 1 ;
1487     display "Exclude if SHE is a fulltime/parttime students" ;
1488     mim: `m`ses`c'
1489     f3_physatt m3_physatt
1490     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1491     f3_pregnow if f3_inschl3 == 0 ;
1492     display "Use PA index" ;
1493     mim: `m`ses`c'
1494     f3_ovatt m3_ovatt
1495     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1496     f3_pregnow ;
1497     display "Same interviewer" ;
1498     mim: `m`ses`c'
1499     f3_physatt m3_physatt
1500     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1501     f3_pregnow if c3_sameint == 1 ;
1502     display "Same-race interviewer" ;
1503     mim: `m`ses`c'
1504     f3_physatt m3_physatt
1505     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1506     f3_pregnow if c3_sameraceint == 1 ;
1507     display "Not same-race interviewer" ;
1508     mim: `m`ses`c'
1509     f3_physatt m3_physatt
1510     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1511     f3_pregnow if c3_sameraceint == 0 ;
1512     display "cluster by her interviewer" ;
1513     mim: `m`ses`c'
1514     f3_physatt m3_physatt
1515     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1516     f3_pregnow, vce(cluster f3_intid) ;
1517     display "Differ on PA" ;
1518     mim: `m`ses`c'
1519     f3_physatt m3_physatt
1520     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1521     f3_pregnow if reg_m3_physatt~=reg_f3_physatt ;
1522
1523 } ;
1524
1525
1526 foreach ses in 3yrsedu 4seip { ;
1527
1528     foreach pa in physatt ovatt { ;
1529
1530         * robustness checks - those that differ on ses *;
1531
1532         display "Differ on SES" ;
1533         mim: `f`ses`c'
1534         m3_`pa' f3_`pa'
1535         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1536         f3_pregnow if diff_`ses'==1 ;
1537
1538         display "Differ on SES" ;
1539         mim: `m`ses`c'
1540         m3_`pa' f3_`pa'
1541         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1542         f3_pregnow if diff_`ses'==1 ;
1543

```



```

1544 } ; } ;
1545
1546
1547 * interactions *;
1548
1549 * The interactions do not contradict earlier results. There is mixed evidence of
beauty-status exchange when years of completed edu is the measure of status, no evidence of
beauty-status exchange when college status is the measure of status, etc ;
1550
1551 * YRSEDU *;
1552
1553 * union status *;
1554
1555 mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXmar1 m3_paXmar2 mar1 mar2
1556 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1557 f3_pregnow ;
1558 mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXmar12 mar12
1559 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1560 f3_pregnow ;
1561 mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_yrsXmar1 m3_yrsXmar2 mar1 mar2
1562 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1563 f3_pregnow ;
1564
1565 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXmar1 f3_paXmar2 mar1 mar2
1566 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1567 f3_pregnow ;
1568 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXmar12 mar12
1569 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1570 f3_pregnow ;
1571 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_yrsXmar1 f3_yrsXmar2 mar1 mar2
1572 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1573 f3_pregnow ;
1574
1575 * duration *;
1576
1577 mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXrdur1 m3_paXrdur2 mar1 mar2
1578 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1579 f3_pregnow ;
1580 mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_yrsXrdur1 m3_yrsXrdur2 mar1 mar2
1581 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1582 f3_pregnow ;
1583
1584 mim: reg m3_yrsedu f3_yrsedu f3_physatt m3_physatt f3_paXrdur1 f3_paXrdur2 mar1 mar2
1585 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1586 f3_pregnow ;
1587 mim: reg m3_yrsedu f3_yrsedu f3_physatt m3_physatt f3_yrsXrdur1 f3_yrsXrdur2 mar1 mar2
1588 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1589 f3_pregnow ;
1590
1591
1592 * race *;
1593
1594 * interactions of couple race--gender-traditional? *;
1595 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXblk f3_paXota mar1 mar2
1596 c3_calcage3 c3_black c3_otall rdur1 rdur2
1597 f3_pregnow ;
1598 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXblk f3_paXmxd f3_paXosh mar1 mar2
1599 c3_calcage3 c3_black c3_mixed c3_othsp rdur1 rdur2
1600 f3_pregnow ;
1601 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXblk f3_paXmxd f3_paXhsp f3_paXoth
mar1 mar2
1602 c3_calcage3 c3_black c3_mixed c3_hisp c3_other rdur1 rdur2
1603 f3_pregnow ;
1604 * using her race *;
1605 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXfblk f3_paXfota mar1 mar2
1606 f3_calcage m3_calcage f3_black f3_otall m3_black m3_otall rdur1 rdur2
1607 f3_pregnow ;
1608 mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXfblk f3_paXfota m3_paXmblk
m3_paXmota mar1 mar2
1609 f3_calcage m3_calcage f3_black f3_otall m3_black m3_otall rdur1 rdur2

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1610     f3_pregnow ;
1611
1612     * by group *;
1613     mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt mar1 mar2
1614           c3_calcage3 c3_black rdur1 rdur2
1615           f3_pregnow if c3_otall==0 ;
1616     mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt mar1 mar2
1617           c3_calcage3 rdur1 rdur2
1618           f3_pregnow if c3_otall==1 ;
1619     mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt mar1 mar2
1620           c3_calcage3 rdur1 rdur2
1621           f3_pregnow if c3_mixed==0 ;
1622     mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt mar1 mar2
1623           c3_calcage3 rdur1 rdur2
1624           f3_pregnow if c3_mixed==1 ;
1625
1626     * interactions of couple race--gender-non-traditional? *;
1627     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXblk m3_paXota mar1 mar2
1628           c3_calcage3 c3_black c3_otall rdur1 rdur2
1629           f3_pregnow ;
1630     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXblk m3_paXmxd m3_paXosh mar1 mar2
1631           c3_calcage3 c3_black c3_mixed c3_othsp rdur1 rdur2
1632           f3_pregnow ;
1633     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXblk m3_paXmxd m3_paXhsp m3_paXoth
1634           mar1 mar2
1635           c3_calcage3 c3_black c3_mixed c3_hisp c3_other rdur1 rdur2
1636           f3_pregnow ;
1637     * his race *;
1638     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXmblk m3_paXmota mar1 mar2
1639           f3_calcage m3_calcage f3_black f3_otall m3_black m3_otall rdur1 rdur2
1640           f3_pregnow ;
1641     * his race *;
1642     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt m3_paXmblk m3_paXmota f3_paXfblk
1643           f3_paXfota mar1 mar2
1644           f3_calcage m3_calcage f3_black f3_otall m3_black m3_otall rdur1 rdur2
1645           f3_pregnow ;
1646
1647     * by group *;
1648     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt mar1 mar2
1649           c3_calcage3 c3_black rdur1 rdur2
1650           f3_pregnow if c3_otall==0 ;
1651     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt mar1 mar2
1652           c3_calcage3 rdur1 rdur2
1653           f3_pregnow if c3_otall==1 ;
1654     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt mar1 mar2
1655           c3_calcage3 rdur1 rdur2
1656           f3_pregnow if c3_mixed==0 ;
1657     mim: reg f3_yrsedu m3_yrsedu f3_physatt m3_physatt mar1 mar2
1658           c3_calcage3 rdur1 rdur2
1659           f3_pregnow if c3_mixed==1 ;
1660
1661     * class background *;
1662     mim: reg m3_yrsedu f3_yrsedu m3_physatt f3_physatt f3_paXdadsei f1_dad_sei mar1 mar2
1663           c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1664           f3_pregnow ;
1665
1666     * GRAD *;
1667
1668     * union status *;
1669
1670     mim: logit f3_ee_cgrdp m3_ee_cgrdp f3_physatt m3_physatt m3_paXmar1 m3_paXmar2 mar1 mar2
1671           c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1672           f3_pregnow ;
1673     mim: logit f3_ee_cgrdp m3_ee_cgrdp f3_physatt m3_physatt m3_paXmar12 mar12
1674           c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1675           f3_pregnow ;
1676     mim: logit f3_ee_cgrdp m3_ee_cgrdp f3_physatt m3_physatt m3_cgXmar1 m3_cgXmar2 mar1 mar2
1677           c3_calcage3 c3_black c3_othsp c3_mixed relpduravg

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1678     f3_pregnow ;
1679
1680     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXmar1 f3_paXmar2 mar1 mar2
1681     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1682     f3_pregnow ;
1683     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXmar12 mar12
1684     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1685     f3_pregnow ;
1686     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_cgXmar1 f3_cgXmar2 mar1 mar2
1687     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1688     f3_pregnow ;
1689
1690     * duration *;
1691
1692     mim: logit f3_ee_cgrdp m3_ee_cgrdp f3_physatt m3_physatt m3_paXrdur1 m3_paXrdur2 mar1 mar2
1693     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1694     f3_pregnow ;
1695     mim: logit f3_ee_cgrdp m3_ee_cgrdp f3_physatt m3_physatt m3_cgXrdur1 m3_cgXrdur2 mar1 mar2
1696     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1697     f3_pregnow ;
1698
1699     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXrdur1 f3_paXrdur2 mar1 mar2
1700     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1701     f3_pregnow ;
1702     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_cgXrdur1 f3_cgXrdur2 mar1 mar2
1703     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1704     f3_pregnow ;
1705
1706     *race *;
1707
1708     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXblk f3_paXota mar1 mar2
1709     c3_calcage3 c3_black c3_otal1 rdur1 rdur2
1710     f3_pregnow ;
1711     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXblk f3_paXosh f3_paXmxd mar1
1712     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1713     f3_pregnow ;
1714
1715     * class background *;
1716
1717     mim: logit m3_ee_cgrdp f3_ee_cgrdp m3_physatt f3_physatt f3_paXdadsei f1_dad_sei mar1 mar2
1718     c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1719     f3_pregnow ;
1720
1721
1722     * SEIP *;
1723
1724     * union status *;
1725
1726     mim: reg f4_seip m4_seip f3_physatt m3_physatt m3_paXmar1 m3_paXmar2 mar1 mar2
1727     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1728     f3_pregnow ;
1729     mim: reg f4_seip m4_seip f3_physatt m3_physatt m3_paXmar12 mar12
1730     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1731     f3_pregnow ;
1732     mim: reg f4_seip m4_seip f3_physatt m3_physatt m4_seipXmar1 m4_seipXmar2 mar1 mar2
1733     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1734     f3_pregnow ;
1735
1736     mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXmar1 f3_paXmar2 mar1 mar2
1737     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1738     f3_pregnow ;
1739     mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXmar12 mar12
1740     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1741     f3_pregnow ;
1742     mim: reg m4_seip f4_seip m3_physatt f3_physatt f4_seipXmar1 f4_seipXmar2 mar1 mar2
1743     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg
1744     f3_pregnow ;
1745
1746     * duration *;

```

```

1747
1748 mim: reg f4_seip m4_seip f3_physatt m3_physatt m3_paXrdur1 m3_paXrdur2 mar1 mar2
1749 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1750 f3_pregnow ;
1751 mim: reg f4_seip m4_seip f3_physatt m3_physatt m4_seipXrdur1 m4_seipXrdur2 mar1 mar2
1752 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1753 f3_pregnow ;
1754
1755 mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXrdur1 f3_paXrdur2 mar1 mar2
1756 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1757 f3_pregnow ;
1758 mim: reg m4_seip f4_seip m3_physatt f3_physatt f4_seipXrdur1 f4_seipXrdur2 mar1 mar2
1759 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1760 f3_pregnow ;
1761
1762 * race *;
1763
1764 mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXblk f3_paXota mar1 mar2
1765 c3_calcage3 c3_black c3_otal1 rdur1 rdur2
1766 f3_pregnow ;
1767
1768 mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXblk f3_paXosh f3_paXmxd mar1 mar2
1769 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1770 f3_pregnow ;
1771
1772 * class background *;
1773
1774 mim: reg m4_seip f4_seip m3_physatt f3_physatt f3_paXdadsei f1_dad_sei mar1 mar2
1775 c3_calcage3 c3_black c3_othsp c3_mixed rdur1 rdur2
1776 f3_pregnow ;
1777
1778
1779 * other dimensions *;
1780
1781 * Not much evidence of other traits being exchanged for status, with the possible exception
of emotional support--particularly, women with higher status may give more emotional
support and also get more emotional support--but since they are both giving more and
getting more it does not seem like status-emotional support exchange. Rather, women with
higher status have emotionally-supportive relationships. It seems more likely that status
--> emotional support rather than the reverse, which is one problem with these models--they
assume a direction of causality when that does not make sense (one of the reasons why the
difference models are better). ;
1782
1783 foreach ses in 3yrsedu 3cg 4seip { ;
1784
1785 foreach pa in physatt { ;
1786
1787 * other dimensions of exchange *;
1788
1789 display "gender non-traditional" ;
1790 display "full sample" ;
1791 mim: `f`ses`c'
1792 m3_physatt f3_physatt
1793 f3_groomed m3_groomed f3_peratt m3_peratt f3_citizen m3_citizen f3_health m3_health
1794 f3_cesd9 m3_cesd9 f3_emosup m3_emosup
1795 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1796 f3_pregnow ;
1797 display "same as above but without citizen and depression" ;
1798 mim: `f`ses`c'
1799 m3_physatt f3_physatt
1800 f3_groomed m3_groomed f3_peratt m3_peratt f3_health m3_health f3_emosup m3_emosup
1801 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1802 f3_pregnow ;
1803 display "just peratt and emosup" ;
1804 mim: `f`ses`c'
1805 m3_physatt f3_physatt
1806 f3_peratt m3_peratt f3_emosup m3_emosup
1807 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1808 f3_pregnow ;

```

```

1809 display "gender-stereotypical" ;
1810 display "full sample" ;
1811 mim: `m`ses'c'
1812 m3_physatt f3_physatt
1813 f3_groomed m3_groomed f3_peratt m3_peratt f3_citizen m3_citizen f3_health m3_health
f3_cesd9 m3_cesd9 f3_emosup m3_emosup
1814 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1815 f3_pregnow ;
1816 display "same as above but without citizen and depression" ;
1817 mim: `m`ses'c'
1818 m3_physatt f3_physatt
1819 f3_groomed m3_groomed f3_peratt m3_peratt f3_health m3_health f3_emosup m3_emosup
1820 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1821 f3_pregnow ;
1822 display "just peratt and emosup" ;
1823 mim: `m`ses'c'
1824 m3_physatt f3_physatt
1825 f3_peratt m3_peratt f3_emosup m3_emosup
1826 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
1827 f3_pregnow ;
1828
1829 } ; } ;
1830
1831 ***** DIFFERENCE MODELS -- SES AS DV *****;
1832
1833 * Interpreting the difference models: A NEGATIVE association between the difference (his
minus her) in status and the difference (his minus her) in attractiveness would suggest
beauty-status exchange. All of the statistically-significant associations are positive with
few exceptions (I will discuss these shortly). This is the reverse of what is predicted by
beauty-status exchange. A positive association suggests that the partner who is advantaged
on beauty is also advantaged on status. This may be driven by the within-individual
correlation of beauty and status. On average, physically-attractive people are higher
status so if one partner is better-looking than the other partner, the better-looking
partner will also tend to be higher-status, all else equal. The first exception is a
negative association between years of completed education and physical attractiveness for
dating couples. This suggests that if beauty-status exchange occurs, such couples do not
advance to higher levels of commitment--it is an unstable relationship type that may not
work out long-term. The second exception is a negative association between years of
completed education and physical attractiveness for minority-white couples. This is driven
by white female-minority male couples and additional analysis (see online supplement)
indicates that it is reverse-stereotypical exchange (minority men using thier good looks to
attract higher-educated white women). However, given the number of groups tested, one would
expect a few false-positive results (at a 5% significance level, 1 in 20 tests yield false
positives). Moreover, for the other measures of status ALL of the statistically
significant associations are positive. So the possible exceptions discussed earlier are
not robust to alternative measures. ;
1834
1835 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf3_sei mf4_seip mf4_incp { ;
1836
1837 foreach pa in mf3_physatt mf3_ovatt { ;
1838
1839 display "using couple control variables, `pa' and `ses', NOT controlling for AGE difference"
;
1840 mim: reg `ses'
1841 `pa'
1842 c3_black c3_otall relpduravg mar1 mar2
1843 f3_pregnow ;
1844
1845 display "using couple control variables, `pa' and `ses', age diff" ;
1846 mim: reg `ses'
1847 `pa'
1848 mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1849 f3_pregnow ;
1850
1851 } ; } ;
1852
1853 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
1854
1855 * robustness checks *;
1856

```

```

1857 display "uses physatt and `ses' - complete control for partner - robustness checks" ;
1858 display "not imputed (not mim)" ;
1859 reg `ses'
1860   mf3_physatt
1861   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1862   f3_pregnow if _mj == 0 ;
1863 display "Oldest 25%" ;
1864 mim: reg `ses'
1865   mf3_physatt
1866   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1867   f3_pregnow if c3_old25p == 1 ;
1868 display "He is 5+ years older" ;
1869 mim: reg `ses'
1870   mf3_physatt
1871   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1872   f3_pregnow if reg mf3 calcage3 >= 5 ;
1873 display "She is at all older" ;
1874 mim: reg `ses'
1875   mf3_physatt
1876   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1877   f3_pregnow if reg mf3 calcage3 < 0 ;
1878 display "by marital status (married, cohab, dating)" ;
1879 forvalues i=1/3 { ;
1880 display "marital = `i'" ;
1881 mim: reg `ses'
1882   mf3_physatt
1883   mf3_calcage c3_black c3_otall relpduravg
1884   f3_pregnow if marital == `i' ;
1885 } ;
1886 display "by relp duration (short, med, long)" ;
1887 forvalues i=1/3 { ;
1888 display "relpdur = `i'" ;
1889 mim: reg `ses'
1890   mf3_physatt
1891   mf3_calcage c3_black c3_otall mar1 mar2
1892   f3_pregnow if relpdur == `i' ;
1893 } ;
1894 display "Traditional gender atts (him)" ;
1895 mim: reg `ses'
1896   mf3_physatt
1897   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1898   f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2) ;
1899 display "Traditional gender atts (her)" ;
1900 mim: reg `ses'
1901   mf3_physatt
1902   mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1903   f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2) ;
1904 display "Both white" ;
1905 mim: reg `ses'
1906   mf3_physatt
1907   c3_calcage3 relpduravg mar1 mar2
1908   f3_pregnow if f3_white==1 & m3_white==1 ;
1909 display "Both white or both non-white" ;
1910 mim: reg `ses'
1911   mf3_physatt
1912   c3_calcage3 relpduravg mar1 mar2
1913   f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0) ;
1914 display "white-minority" ;
1915 mim: reg `ses'
1916   mf3_physatt
1917   c3_calcage3 relpduravg mar1 mar2
1918   f3_pregnow if (f3_white==1 & m3_white==0) | (f3_white==0 & m3_white==1) ;
1919 display "white male-minority female" ;
1920 mim: reg `ses'
1921   mf3_physatt
1922   c3_calcage3 relpduravg mar1 mar2
1923   f3_pregnow if (f3_white==0 & m3_white==1) ;
1924 display "white female-minority male" ;
1925 mim: reg `ses'
1926   mf3_physatt

```

```

1927     c3_calcage3 relpduravg mar1 mar2
1928     f3_pregnow if (f3_white==1 & m3_white==0) ;
1929     display "race as a dimension of exchange" ;
1930     mim: reg `ses'
1931     mf3_physatt
1932     c3_calcage3 relpduravg mar1 mar2
1933     f3_pregnow
1934     c3_minrc c3_wm_mf c3_mm_wf ;
1935     display "Exclude if both fulltime students" ;
1936     mim: reg `ses'
1937     mf3_physatt
1938     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1939     f3_pregnow if c3_ftschl ~= 1 ;
1940     display "Exclude if SHE is a fulltime/parttime student" ;
1941     mim: reg `ses'
1942     mf3_physatt
1943     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1944     f3_pregnow if f3_inschl3 == 0 ;
1945     display "Use PA index" ;
1946     mim: reg `ses'
1947     mf3_ovatt
1948     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1949     f3_pregnow ;
1950     display "Same interviewer" ;
1951     mim: reg `ses'
1952     mf3_physatt
1953     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1954     f3_pregnow if c3_sameint == 1 ;
1955     display "Same-race interviewer" ;
1956     mim: reg `ses'
1957     mf3_physatt
1958     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1959     f3_pregnow if c3_sameraceint == 1 ;
1960     display "Not same-race interviewer" ;
1961     mim: reg `ses'
1962     mf3_physatt
1963     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1964     f3_pregnow if c3_sameraceint == 0 ;
1965     display "Differ on PA" ;
1966     mim: reg `ses'
1967     mf3_physatt
1968     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1969     f3_pregnow if reg_f3_physatt~reg_m3_physatt ;
1970     display "Differ on SES" ;
1971     mim: reg `ses'
1972     mf3_physatt
1973     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1974     f3_pregnow if diff `ses'==1 ;
1975     display "low-SES women using dad's SEI" ;
1976     mim: reg `ses'
1977     mf3_physatt
1978     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1979     f3_pregnow if fl_wc_sei==1 ;
1980     display "low-SES women using Dad's HH7" ;
1981     mim: reg `ses'
1982     mf3_physatt
1983     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
1984     f3_pregnow if fl_wc_hh7==1 ;
1985
1986 } ;
1987
1988 * Comment about robustness checks above: If there is any beauty-status exchange, it is
1989 only for dating couples and white female-minority male (this one would be
1990 reverse-stereotypical). Those are the only groups for which any measure of status
1991 difference (using years of completed education) is negatively associated with physical
1992 attractiveness. But this is not robust to alternative measures of status. ;
1989
1990 * Interactions *;
1991
1992 * There is some evidence of exchange varying by race/racial combination when years of

```


completed education is the measure of status, but not when the other status measures are used. So it is not robust. Cannot conclude racial differences exist. ;

```

1993
1994 gen c3_blkXmf3_physatt=c3_black*mf3_physatt ;
1995 gen c3_otaXmf3_physatt=c3_otall*mf3_physatt ;
1996 gen c3_oshXmf3_physatt=c3_othsp*mf3_physatt ;
1997 gen c3_mxdXmf3_physatt=c3_mixed*mf3_physatt ;
1998 gen c3_hspXmf3_physatt=c3_hisp*mf3_physatt ;
1999 gen c3_othXmf3_physatt=c3_other*mf3_physatt ;
2000
2001 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
2002
2003 display "least detailed race groups" ;
2004 mim: reg `ses'
2005     mf3_physatt c3_blkXmf3_physatt c3_otaXmf3_physatt
2006     mf3_calcage3 c3_black c3_otall relpduravg mar1 mar2
2007     f3_pregnow ;
2008
2009 display "more detailed" ;
2010 mim: reg `ses'
2011     mf3_physatt c3_blkXmf3_physatt c3_oshXmf3_physatt c3_mxdXmf3_physatt
2012     mf3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2013     f3_pregnow ;
2014 display "most detailed race groups" ;
2015 mim: reg `ses'
2016     mf3_physatt c3_blkXmf3_physatt c3_othXmf3_physatt c3_hspXmf3_physatt c3_mxdXmf3_physatt
2017     mf3_calcage3 c3_black c3_other c3_hisp c3_mixed relpduravg mar1 mar2
2018     f3_pregnow ;
2019
2020 * if other race *;
2021 mim: reg `ses'
2022     mf3_physatt
2023     mf3_calcage3 relpduravg mar1 mar2
2024     f3_pregnow if c3_otall==1 ;
2025
2026 * if mixed race *;
2027 mim: reg `ses'
2028     mf3_physatt
2029     mf3_calcage3 relpduravg mar1 mar2
2030     f3_pregnow if c3_mixed==1 ;
2031
2032 } ;
2033
2034 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
2035
2036 display "looking for general patterns of exchange ses" ;
2037 mim: reg `ses'
2038     mf3_groomed mf3_peratt
2039     mf3_physatt
2040     mf3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2041     f3_pregnow ;
2042
2043 display "same as above but without grooming" ;
2044 mim: reg `ses'
2045     mf3_peratt
2046     mf3_physatt
2047     mf3_calcage3 c3_black c3_otall relpduravg mar1 mar2
2048     f3_pregnow ;
2049
2050 display "looking for general patterns of exchange ses, age diff, citizen, health CES-D9" ;
2051 mim: reg `ses'
2052     mf3_peratt mf3_citizen mf3_health mf3_cesd9 mf3_emosup
2053     mf3_physatt
2054     mf3_calcage3 c3_black c3_otall relpduravg mar1 mar2
2055     f3_pregnow ;
2056
2057 } ;
2058
2059 * About results above: No consistent patterns across measures of SES. ;
2060

```



```

2061 ***** ATTRACTIVENESS AS DV *****;
2062
2063
2064 macro drop _all ;
2065
2066 * years of completed education (problematic for current students) ;
2067
2068 local m3yrseu = "m3_yrseu" ;
2069 local f3yrseu = "f3_yrseu" ;
2070
2071 * Wave III SEI ;
2072
2073 local m3sei = "m3_sei" ;
2074 local f3sei = "f3_sei" ;
2075
2076 local m4seip = "m4_seip" ;
2077 local f4seip = "f4_seip" ;
2078
2079 * Wave III expected/completed college grad ;
2080
2081 local m3cg = "m3_ee_cgrdp" ;
2082 local f3cg = "f3_ee_cgrdp" ;
2083
2084 * Wave III income ;
2085
2086 local m3lninc = "m3_ln_inc" ;
2087 local f3lninc = "f3_ln_inc" ;
2088
2089 * Wave IV forecast income ;
2090
2091 local m4lnincp = "m4_ln_incp" ;
2092 local f4lnincp = "f4_ln_incp" ;
2093
2094 * Wave IV forecast college degree status ;
2095
2096 local m4cg = "m4_cgrdpp" ;
2097 local f4cg = "f4_cgrdpp" ;
2098
2099 * Note: The code below estimates the models presented in the online supplement Table S6. ;
2100
2101 * The models below demonstrate that there is often what seems to be support for
beauty-status exchange prior to controlling for matching and the within-individual
correlation of desirable traits. But it is generally eliminated in the final model that
does include these controls. There is some evidence of gender-stereotypical exchange
(women trade beauty for men's status) AND for reverse-stereotypical exchange (men trade
beauty for women's status) so there is no reason to think that if exchange occurs it is
gendered. But in neither case is evidence of exchange robust to alternative measures. It
is also not robust to alternative models, particularly the difference models. ;
2102
2103 foreach ses in 3yrseu 3cg 3sei 4seip 3lninc 4lnincp 4cg { ;
2104
2105 * incomplete control for partner*;
2106
2107 display "Reverse-stereotypical (RS)--his PA as DV" ;
2108 display "uses physatt and `ses' - not controlling for partner - version 1 (SES --> PA)" ;
2109 display "full sample" ;
2110 display "this is model RS-#a in Table S6 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
2111 mim: ologit reg_m3_physatt
2112 `f`ses''
2113 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2114 f3_pregnow, or ;
2115
2116 display "Gender-stereotypical (GS)--her PA as DV" ;
2117 display "uses physatt and `ses' - not controlling for partner - version 1 (SES --> PA)" ;
2118 display "full sample" ;
2119 display "this is model GS-#a in Table S6 where # is 1 for 3yrseu, 2 for 3cg, and 3 for
4seip" ;
2120 mim: ologit reg_f3_physatt
2121 `m`ses''

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2122     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2123     f3_pregnow, or ;
2124
2125     * complete control for partner *;
2126
2127     display "Reverse-stereotypical (RS)--his PA as DV" ;
2128     display "uses physatt and `ses' - complete control for partner, add focal R's PA" ;
2129     display "full sample" ;
2130     display "this is model RS-#b in Table S6 where # is 1 for 3yrseidu, 2 for 3cg, and 3 for
4seip" ;
2131     mim: ologit reg_m3_physatt
2132         `f`ses''
2133         `m`ses''
2134         f3_physatt
2135         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2136         f3_pregnow, or ;
2137
2138     display "Gender-stereotypical (GS)--her PA as DV" ;
2139     display "uses physatt and `ses' - complete control for partner, add focal R's PA" ;
2140     display "full sample" ;
2141     display "this is model GS-#b in Table S6 where # is 1 for 3yrseidu, 2 for 3cg, and 3 for
4seip" ;
2142     mim: ologit reg_f3_physatt
2143         `m`ses''
2144         `f`ses''
2145         m3_physatt
2146         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2147         f3_pregnow, or ;
2148
2149 } ;
2150
2151
2152     * In the robustness checks below, no group consistently differs in such a way as to suggest
beauty-status exchange. That is, a given group may show evidence of beauty-status exchange
for one SES measure, but not for all SES measures. If beauty-status exchange occurs at all
often, evidence of it ought to be robust to alternative measures. It should also be robust
to alternative models, including the difference models and negative binomial models. It is
also worth noting that while evidence of beauty-status exchange is not consistent, there is
no reason to think it is gender-stereotypical. There is occasionally evidence that women
might trade status for men's beauty and occasionally evidence that men might trade status
for women's beauty. Again, this evidence is not consistent--it is not robust. ;
2153
2154     * Robustness checks--his PA as DV *;
2155
2156     foreach ses in 3yrseidu 3cg 4seip { ;
2157
2158     display "uses physatt and `ses' - complete control for partner - robustness checks" ;
2159     display "not imputed (not mim)" ;
2160     ologit reg_m3_physatt
2161         `f`ses''
2162         `m`ses''
2163         f3_physatt
2164         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2165         f3_pregnow if _mj == 0, or ;
2166     display "Oldest 25%" ;
2167     mim: ologit reg_m3_physatt
2168         `f`ses''
2169         `m`ses''
2170         f3_physatt
2171         c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2172         f3_pregnow if c3_old25p == 1, or ;
2173     display "He is 5+ years older" ;
2174     mim: ologit reg_m3_physatt
2175         `f`ses''
2176         `m`ses''
2177         f3_physatt
2178         c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2179         f3_pregnow if reg_mf3_calcage >= 5, or ;
2180     display "She is at all older" ;
2181     mim: ologit reg_m3_physatt

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```

2182     `f`ses''
2183     `m`ses''
2184     f3_physatt
2185     c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2186     f3_pregnow if reg_mf3_calcage < 0, or ;
2187     display "By marital status (1=married, 2=cohab, 3=dating)" ;
2188     forvalues i=1/3 { ;
2189     display "marital = `i'" ;
2190     mim: ologit reg_m3_physatt
2191     `f`ses''
2192     `m`ses''
2193     f3_physatt
2194     f3_calcage3 f3_black f3_otall f3_rdur
2195     f3_pregnow if marital == `i', or ;
2196     } ;
2197     display "by relp duration (1=short, 2=med, 3=long)" ;
2198     forvalues i=1/3 { ;
2199     display "relpdur = `i'" ;
2200     mim: ologit reg_m3_physatt
2201     `f`ses''
2202     `m`ses''
2203     f3_physatt
2204     f3_calcage3 f3_black f3_otall f3_rdur
2205     f3_pregnow if relpdur == `i', or ;
2206     } ;
2207     display "Traditional gender atts (him)" ;
2208     mim: ologit reg_m3_physatt
2209     `f`ses''
2210     `m`ses''
2211     f3_physatt
2212     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2213     f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2), or ;
2214     display "Traditional gender atts (her)" ;
2215     mim: ologit reg_m3_physatt
2216     `f`ses''
2217     `m`ses''
2218     f3_physatt
2219     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2220     f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2), or ;
2221     display "Both white" ;
2222     mim: ologit reg_m3_physatt
2223     `f`ses''
2224     `m`ses''
2225     f3_physatt
2226     c3_calcage3 relpduravg mar1 mar2
2227     f3_pregnow if f3_white==1 & m3_white==1, or ;
2228     display "Both white or both non-white" ;
2229     mim: ologit reg_m3_physatt
2230     `f`ses''
2231     `m`ses''
2232     f3_physatt
2233     c3_calcage3 relpduravg mar1 mar2
2234     f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0), or ;
2235     display "white-minority" ;
2236     mim: ologit reg_m3_physatt
2237     `f`ses''
2238     `m`ses''
2239     f3_physatt
2240     c3_calcage3 relpduravg mar1 mar2
2241     f3_pregnow if (f3_white==1 & m3_white==0) | (f3_white==0 & m3_white==1), or ;
2242     display "white male-minority female" ;
2243     mim: ologit reg_m3_physatt
2244     `f`ses''
2245     `m`ses''
2246     f3_physatt
2247     c3_calcage3 relpduravg mar1 mar2
2248     f3_pregnow if (f3_white==0 & m3_white==1), or ;
2249     display "white female-minority male" ;
2250     mim: ologit reg_m3_physatt
2251     `f`ses''

```

```

2252   `m`ses''
2253   f3_physatt
2254   c3_calcage3 relpduravg mar1 mar2
2255   f3_pregnow if (f3_white==1 & m3_white==0), or ;
2256   display "Exclude if both fulltime students" ;
2257   mim: ologit reg_m3_physatt
2258   `f`ses''
2259   `m`ses''
2260   f3_physatt
2261   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2262   f3_pregnow if c3_ftschl ~= 1, or ;
2263   display "Use PA index" ;
2264   mim: reg m3_ovatt
2265   `f`ses''
2266   `m`ses''
2267   f3 ovatt
2268   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2269   f3_pregnow ;
2270   display "Same interviewer" ;
2271   mim: ologit reg_m3_physatt
2272   `f`ses''
2273   `m`ses''
2274   f3_physatt
2275   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2276   f3_pregnow if c3_sameint == 1, or ;
2277   display "Same-race interviewer" ;
2278   mim: ologit reg_m3_physatt
2279   `f`ses''
2280   `m`ses''
2281   f3_physatt
2282   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2283   f3_pregnow if c3_sameraceint==1, or ;
2284   display "Not same-race interviewer" ;
2285   mim: ologit reg_m3_physatt
2286   `f`ses''
2287   `m`ses''
2288   f3_physatt
2289   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2290   f3_pregnow if c3_sameraceint==0, or ;
2291   display "cluster by her interviewer" ;
2292   mim: ologit reg m3 physatt
2293   `f`ses''
2294   `m`ses''
2295   f3_physatt
2296   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2297   f3_pregnow, or vce(cluster f3_intid) ;
2298   display "Differ on PA" ;
2299   mim: ologit reg_m3_physatt
2300   `f`ses''
2301   `m`ses''
2302   f3_physatt
2303   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2304   f3_pregnow if reg_f3_physatt~=reg_m3_physatt, or ;
2305
2306   * robustness checks--her PA as DV *;
2307
2308   display "uses physatt and `ses' - complete control for partner - robustness checks" ;
2309   display "not imputed (not mim)" ;
2310   ologit reg_f3_physatt
2311   `m`ses''
2312   `f`ses''
2313   m3_physatt
2314   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2315   f3_pregnow if _mj == 0, or ;
2316   display "Oldest 25%" ;
2317   mim: ologit reg f3 physatt
2318   `m`ses''
2319   `f`ses''
2320   m3_physatt
2321   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2

```

```

2322   f3_pregnow if c3_old25p == 1, or ;
2323   display "He is 5+ years older" ;
2324   mim: ologit reg_f3_physatt
2325   `m`ses''
2326   `f`ses''
2327   m3_physatt
2328   c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2329   f3_pregnow if reg_mf3_calcage3 >= 5, or ;
2330   display "She is at all older" ;
2331   mim: ologit reg_f3_physatt
2332   `m`ses''
2333   `f`ses''
2334   m3_physatt
2335   c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2336   f3_pregnow if reg_mf3_calcage3 < 0, or ;
2337   display "by marital status (married, cohab, dating)" ;
2338   forvalues i=1/3 { ;
2339   display "marital = `i'" ;
2340   mim: ologit reg_f3_physatt
2341   `m`ses''
2342   `f`ses''
2343   m3_physatt
2344   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2345   f3_pregnow if marital == `i', or ;
2346   } ;
2347   display "by relp duration (short, med, long)" ;
2348   forvalues i=1/3 { ;
2349   display "relpdur = `i'" ;
2350   mim: ologit reg_f3_physatt
2351   `m`ses''
2352   `f`ses''
2353   m3_physatt
2354   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2355   f3_pregnow if relpdur == `i', or ;
2356   } ;
2357   display "Traditional gender atts (him)" ;
2358   mim: ologit reg_f3_physatt
2359   `m`ses''
2360   `f`ses''
2361   m3_physatt
2362   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2363   f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2) ;
2364   display "Traditional gender atts (her)" ;
2365   mim: ologit reg_f3_physatt
2366   `m`ses''
2367   `f`ses''
2368   m3_physatt
2369   c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2370   f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2), or ;
2371   display "Both white" ;
2372   mim: ologit reg_f3_physatt
2373   `m`ses''
2374   `f`ses''
2375   m3_physatt
2376   c3_calcage3 relpduravg mar1 mar2
2377   f3_pregnow if f3_white==1 & m3_white==1, or ;
2378   display "Both white or both non-white" ;
2379   mim: ologit reg_f3_physatt
2380   `m`ses''
2381   `f`ses''
2382   m3_physatt
2383   c3_calcage3 relpduravg mar1 mar2
2384   f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0), or ;
2385   display "white-minority" ;
2386   mim: ologit reg_f3_physatt
2387   `m`ses''
2388   `f`ses''
2389   m3_physatt
2390   c3_calcage3 relpduravg mar1 mar2
2391   f3_pregnow if (f3_white==1 & m3_white==0) | (f3_white==0 & m3_white==1), or ;

```

```

2392 display "white male-minority female" ;
2393 mim: ologit reg_f3_physatt
2394 `m`ses''
2395 `f`ses''
2396 m3_physatt
2397 c3_calcage3 relpduravg mar1 mar2
2398 f3_pregnow if (f3_white==0 & m3_white==1), or ;
2399 display "white female-minority male" ;
2400 mim: ologit reg_f3_physatt
2401 `m`ses''
2402 `f`ses''
2403 m3_physatt
2404 c3_calcage3 relpduravg mar1 mar2
2405 f3_pregnow if (f3_white==1 & m3_white==0), or ;
2406 display "Exclude if both fulltime students" ;
2407 mim: ologit reg f3 physatt
2408 `m`ses''
2409 `f`ses''
2410 m3_physatt
2411 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2412 f3_pregnow if c3_ftschl ~= 1, or ;
2413 display "Use PA index" ;
2414 mim: reg f3_ovatt
2415 `m`ses''
2416 `f`ses''
2417 m3_ovatt
2418 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2419 f3_pregnow ;
2420 display "Same interviewer" ;
2421 mim: ologit reg_f3_physatt
2422 `m`ses''
2423 `f`ses''
2424 m3_physatt
2425 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2426 f3_pregnow if c3_sameint == 1, or ;
2427 display "Same-race interviewer" ;
2428 mim: ologit reg_f3_physatt
2429 `m`ses''
2430 `f`ses''
2431 m3_physatt
2432 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2433 f3_pregnow if c3_sameraceint==1, or ;
2434 display "Not same-race interviewer" ;
2435 mim: ologit reg_f3_physatt
2436 `m`ses''
2437 `f`ses''
2438 m3_physatt
2439 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2440 f3_pregnow if c3_sameraceint==0, or ;
2441 display "cluster by his interviewer" ;
2442 mim: ologit reg_f3_physatt
2443 `m`ses''
2444 `f`ses''
2445 m3_physatt
2446 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2447 f3_pregnow, or vce(cluster m3_intid) ;
2448 display "Differ on PA" ;
2449 mim: ologit reg_f3_physatt
2450 `m`ses''
2451 `f`ses''
2452 m3_physatt
2453 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2454 f3_pregnow if reg_f3_physatt~=reg_m3_physatt, or ;
2455
2456 } ;
2457
2458 foreach ses in 3yrsedu 4seip { ;
2459
2460 * robustness checks - those that differ *;
2461

```

```

2462 display "Differ on SES" ;
2463 mim: ologit reg_m3_physatt
2464 `f`ses''
2465 `m`ses''
2466 f3_physatt
2467 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2468 f3_pregnow if diff_`ses`==1, or ;
2469
2470 display "Differ on SES" ;
2471 mim: ologit reg_f3_physatt
2472 `m`ses''
2473 `f`ses''
2474 m3_physatt
2475 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2476 f3_pregnow if diff_`ses`==1, or ;
2477
2478 } ;
2479
2480 * robustness check--interactions to test for disproportionate pairings ;
2481
2482 * The interaction terms do not produce any evidence of disproportionate pairings.
Interactions are not statistically significant. ;
2483
2484 * YRSEDU *;
2485
2486 mim: ologit f3_physatt
2487 m3_yrstedu m3_yrsXmar1 m3_yrsXmar2
2488 f3_yrstedu
2489 m3_physatt
2490 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2491 f3_pregnow, or ;
2492 mim: ologit f3_physatt
2493 m3_yrstedu m3_yrsXmar12
2494 f3_yrstedu
2495 m3_physatt
2496 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2497 f3_pregnow, or ;
2498 mim: ologit f3_physatt
2499 m3_yrstedu
2500 f3_yrstedu
2501 m3_physatt m3_paXmar1 m3_paXmar2
2502 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2503 f3_pregnow, or ;
2504
2505 mim: ologit m3_physatt
2506 f3_yrstedu f3_yrsXmar1 f3_yrsXmar2
2507 m3_yrstedu
2508 f3_physatt
2509 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2510 f3_pregnow, or ;
2511 mim: ologit m3_physatt
2512 f3_yrstedu f3_yrsXmar12
2513 m3_yrstedu
2514 f3_physatt
2515 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2516 f3_pregnow, or ;
2517 mim: ologit m3_physatt
2518 f3_yrstedu
2519 m3_yrstedu
2520 f3_physatt f3_paXmar1 f3_paXmar2
2521 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2522 f3_pregnow, or ;
2523
2524 * GRAD *;
2525
2526 mim: ologit f3_physatt
2527 m3_ee_cgrdp m3_cgXmar1 m3_cgXmar2
2528 f3_ee_cgrdp
2529 m3_physatt
2530 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2

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```

2531     f3_pregnow, or ;
2532     mim: ologit f3_physatt
2533     m3_ee_cgrdp m3_cgXmar12
2534     f3_ee_cgrdp
2535     m3_physatt
2536     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2537     f3_pregnow, or ;
2538     mim: ologit f3_physatt
2539     m3_ee_cgrdp
2540     f3_ee_cgrdp
2541     m3_physatt m3_paXmar1 m3_paXmar2
2542     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2543     f3_pregnow, or ;
2544
2545     mim: ologit m3_physatt
2546     f3_ee_cgrdp f3_cgXmar1 f3_cgXmar2
2547     m3_ee_cgrdp
2548     f3_physatt
2549     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2550     f3_pregnow, or ;
2551     mim: ologit m3_physatt
2552     f3_ee_cgrdp f3_cgXmar12
2553     m3_ee_cgrdp
2554     f3_physatt
2555     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2556     f3_pregnow, or ;
2557     mim: ologit m3_physatt
2558     f3_ee_cgrdp
2559     m3_ee_cgrdp
2560     f3_physatt f3_paXmar1 f3_paXmar2
2561     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2562     f3_pregnow, or ;
2563
2564
2565     * SEIP *;
2566
2567     mim: ologit f3_physatt
2568     m4_seip m4_seipXmar1 m4_seipXmar2
2569     f4_seip
2570     m3_physatt
2571     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2572     f3_pregnow, or ;
2573     mim: ologit f3_physatt
2574     m4_seip m4_seipXmar12
2575     f4_seip
2576     m3_physatt
2577     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2578     f3_pregnow, or ;
2579     mim: ologit f3_physatt
2580     m4_seip
2581     f4_seip
2582     m3_physatt m3_paXmar1 m3_paXmar2
2583     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2584     f3_pregnow, or ;
2585
2586     mim: ologit m3_physatt
2587     f4_seip f4_seipXmar1 f4_seipXmar2
2588     m4_seip
2589     f3_physatt
2590     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2591     f3_pregnow, or ;
2592     mim: ologit m3_physatt
2593     f4_seip f4_seipXmar12
2594     m4_seip
2595     f3_physatt
2596     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar12
2597     f3_pregnow, or ;
2598     mim: ologit m3_physatt
2599     f3_ee_cgrdp
2600     m3_ee_cgrdp

```



```

2601     f3_physatt f3_paXmar1 f3_paXmar2
2602     c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2603     f3_pregnow, or ;
2604
2605 * other dimensions of exchange *;
2606
2607 * These models add other possible traits that might be exchanged for a
physically-attractive partner. There is not much evidence of any between-partner
cross-trait beauty-something exchange. Well-groomed men may have LESS attractive partners
but that does not make sense as exchange (assuming that women prefer well-groomed men). ;
2608
2609 foreach ses in 3cg 4seip { ;
2610
2611     display "uses physatt and `ses' - complete control for partner, add other dimensions of
exchange" ;
2612     display "full sample" ;
2613     mim: ologit reg_m3_physatt
2614         `f`ses''
2615         `m`ses''
2616         f3_physatt
2617         f3_groomed m3_groomed f3_peratt m3_peratt f3_citizen m3_citizen f3_health m3_health
f3_cesd9 m3_cesd9 f3_emosup m3_emosup
2618         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2619         f3_pregnow ;
2620     display "check collinearity" ;
2621     quietly: reg m3_physatt
2622         `f`ses''
2623         `m`ses''
2624         f3_physatt
2625         f3_groomed m3_groomed f3_peratt m3_peratt f3_citizen m3_citizen f3_health m3_health
f3_cesd9 m3_cesd9 f3_emosup m3_emosup
2626         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2627         f3_pregnow if _mj==-0 ; vif ;
2628     display "same as above but without citizen and depression and emosup" ;
2629     mim: ologit reg_m3_physatt
2630         `f`ses''
2631         `m`ses''
2632         f3_physatt
2633         f3_groomed m3_groomed f3_peratt m3_peratt f3_health m3_health
2634         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2635         f3_pregnow ;
2636     display "just peratt and emosup" ;
2637     mim: ologit reg_m3_physatt
2638         `f`ses''
2639         `m`ses''
2640         f3_physatt
2641         f3_peratt m3_peratt
2642         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2643         f3_pregnow ;
2644
2645     display "uses physatt and `ses' - complete control for partner, add other dimensions of
exchange" ;
2646     display "full sample" ;
2647     mim: ologit reg_f3_physatt
2648         `m`ses''
2649         `f`ses''
2650         m3_physatt
2651         f3_groomed m3_groomed f3_peratt m3_peratt f3_citizen m3_citizen f3_health m3_health
f3_cesd9 m3_cesd9 f3_emosup m3_emosup
2652         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2653         f3_pregnow ;
2654     display "same as above but without citizen and depression and emosup" ;
2655     display "full sample" ;
2656     mim: ologit reg_f3_physatt
2657         `m`ses''
2658         `f`ses''
2659         m3_physatt
2660         f3_groomed m3_groomed f3_peratt m3_peratt f3_health m3_health
2661         c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2662         f3_pregnow ;

```

```

2663 display "just peratt and emosup" ;
2664 display "full sample" ;
2665 mim: ologit reg_f3_physatt
2666 `m`ses'
2667 `f`ses'
2668 m3_physatt
2669 f3_peratt m3_peratt
2670 c3_calcage3 c3_black c3_othsp c3_mixed relpduravg mar1 mar2
2671 f3_pregnow ;
2672
2673 } ;
2674
2675 ***** DIFFERENCE MODELS -- ATTRACTIVENESS AS DV *****;
2676
2677 * Interpreting the difference models: A NEGATIVE association between the difference (his
minus her) in status and the difference (his minus her) in attractiveness would suggest
beauty-status exchange. All of the statistically-significant associations are positive.
This is the reverse of what is predicted by beauty-status exchange. A positive association
suggests that the partner who is advantaged on beauty is also advantaged on status. This
may be driven by the within-individual correlation of beauty and status. On average,
physically-attractive people are higher status so if one partner is better-looking than the
other partner, the better-looking partner will also tend to be higher-status, all else
equal. ;
2678
2679 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf3_sei mf4_seip mf3_inc mf4_incp { ;
2680
2681 foreach pa in physatt ovatt { ;
2682
2683 display "using age diff, `pa' and `ses', age diff" ;
2684 mim: reg mf3_`pa'
2685 `ses'
2686 mf3_calcage3 f3_black f3_otall m3_black m3_otall relpduravg mar1 mar2
2687 f3_pregnow ;
2688 display "using his and her age, `pa' and `ses', age diff" ;
2689 mim: reg mf3_`pa'
2690 `ses'
2691 f3_calcage m3_calcage f3_black f3_otall m3_black m3_otall relpduravg mar1 mar2
2692 f3_pregnow ;
2693 display "using couple age, `pa' and `ses', age diff" ;
2694 mim: reg mf3_`pa'
2695 `ses'
2696 c3_calcage f3_black f3_otall m3_black m3_otall relpduravg mar1 mar2
2697 f3_pregnow ;
2698
2699 } ; } ;
2700
2701
2702 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
2703
2704 * robustness checks *;
2705
2706 * The robustness checks below provide no sign of beauty-status exchange when status is
measured as SEI or as college degree. There is evidence of beauty-status exchange among
dating couples when SES is measured as years of education and among white-minority couples
hen SES is measured as years of education. Additional analyses indicates that if this
exchange occurs it is driven by white female-minority male couples and is
reverse-stereotypical. However, given the number of subgroups examined (over 20) it is
hard to conclude that exchange does happen in these two subgroups--at a 5% significance
level one would expect 1 false positive for every20 groups examined. Moreover, the
evidence of beauty-status exchange is not at all evident for the other measures of status. ;
2707
2708 display "uses physatt and `ses' - complete control for partner - robustness checks" ;
2709 display "not imputed (not mim)" ;
2710 reg mf3_physatt
2711 `ses'
2712 mf3 calcage c3 black c3 otall relpduravg mar1 mar2
2713 f3_pregnow if _mj == 0;
2714 display "Oldest 25%" ;
2715 mim: reg mf3_physatt
2716 `ses'

```

```

2717     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2718     f3_pregnow if c3_old25p == 1 ;
2719     display "He is 5+ years older" ;
2720     mim: reg mf3_physatt
2721     `ses'
2722     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2723     f3_pregnow if reg_mf3_calcage3 >= 5 ;
2724     display "She at all older" ;
2725     mim: reg mf3_physatt
2726     `ses'
2727     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2728     f3_pregnow if reg_mf3_calcage3 < 0 ;
2729     display "by marital status (married, cohab, dating)" ;
2730     forvalues i=1/3 { ;
2731     display "marital = `i'" ;
2732     mim: reg mf3_physatt
2733     `ses'
2734     mf3_calcage c3_black c3_otall relpduravg
2735     f3_pregnow if marital == `i';
2736     } ;
2737     display "by relp duration (short, med, long)" ;
2738     forvalues i=1/3 { ;
2739     display "relpdur = `i'" ;
2740     mim: reg mf3_physatt
2741     `ses'
2742     mf3_calcage c3_black c3_otall mar1 mar2
2743     f3_pregnow if relpdur == `i' ;
2744     } ;
2745     display "Traditional gender atts (him)" ;
2746     mim: reg mf3_physatt
2747     `ses'
2748     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2749     f3_pregnow if (m3_trdgdr==1 | m3_trdgdr==2) ;
2750     display "Traditional gender atts (her)" ;
2751     mim: reg mf3_physatt
2752     `ses'
2753     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2754     f3_pregnow if (f3_trdgdr==1 | f3_trdgdr==2) ;
2755     display "Both white" ;
2756     mim: reg mf3_physatt
2757     `ses'
2758     mf3_calcage relpduravg mar1 mar2
2759     f3_pregnow if (f3_white==1 & m3_white==1) ;
2760     display "Both white or both non-white" ;
2761     mim: reg mf3_physatt
2762     `ses'
2763     mf3_calcage relpduravg mar1 mar2
2764     f3_pregnow if (f3_white==1 & m3_white==1) | (f3_white==0 & m3_white==0) ;
2765     display "white-minority" ;
2766     mim: reg mf3_physatt
2767     `ses'
2768     mf3_calcage relpduravg mar1 mar2
2769     f3_pregnow if (f3_white==0 & m3_white==1) | (f3_white==1 & m3_white==0) ;
2770     display "white male-minority female" ;
2771     mim: reg mf3_physatt
2772     `ses'
2773     mf3_calcage relpduravg mar1 mar2
2774     f3_pregnow if (f3_white==0 & m3_white==1) ;
2775     display "white female-minority male" ;
2776     mim: reg mf3_physatt
2777     `ses'
2778     mf3_calcage relpduravg mar1 mar2
2779     f3_pregnow if (f3_white==1 & m3_white==0) ;
2780     display "Exclude if both fulltime students" ;
2781     mim: reg mf3_physatt
2782     `ses'
2783     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2784     f3_pregnow if c3_ftschl ~= 1 ;
2785     display "Use PA index" ;
2786     mim: reg mf3_ovatt

```

```

2787     `ses'
2788     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2789     f3_pregnow ;
2790     display "Same interviewer" ;
2791     mim: reg mf3_physatt
2792     `ses'
2793     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2794     f3_pregnow if c3_sameint == 1 ;
2795     display "Same-race interviewer" ;
2796     mim: reg mf3_physatt
2797     `ses'
2798     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2799     f3_pregnow if c3_sameraceint == 1 ;
2800     display "Not same-race interviewer" ;
2801     mim: reg mf3_physatt
2802     `ses'
2803     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2804     f3_pregnow if c3_sameraceint == 0 ;
2805     display "Differ on PA" ;
2806     mim: reg mf3_physatt
2807     `ses'
2808     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2809     f3_pregnow if mf3_physatt ~ = 0 ;
2810     display "Differ on SES" ;
2811     mim: reg mf3_physatt
2812     `ses'
2813     mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2814     f3_pregnow if diff_`ses' == 1 ;
2815
2816 } ;
2817
2818 * Interactions *;
2819
2820 * Interactions are not statistically significant. ;
2821
2822 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
2823
2824     gen `ses'Xmar1 = `ses'*mar1 ;
2825     gen `ses'Xmar2 = `ses'*mar2 ;
2826
2827     display "using physatt and `ses', age diff" ;
2828     mim: reg mf3_physatt
2829         `ses' `ses'Xmar1 `ses'Xmar2
2830         mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2831         f3_pregnow ;
2832
2833     drop `ses'Xmar* ;
2834
2835 } ;
2836
2837 foreach ses in mf3_yrsedu mf3_ee_cgrdp mf4_seip { ;
2838
2839     display "looking for general patterns of exchange `ses', age diff, citizen, health, CES-D9,
2840     emo sup" ;
2841     mim: reg mf3_physatt
2842         mf3_peratt mf3_citizen mf3_health mf3_cesd9 mf3_emosup
2843         `ses'
2844         mf3_calcage c3_black c3_otall relpduravg mar1 mar2
2845         f3_pregnow ;
2846
2847 } ;
2848
2849 *** End Program ***;
2850
2851 clear ; log close ;
2852

```