```
*******
    ***SYNTAX FOR "The influence of socio-economic factors on patterns of internet use among older
2
    adults before and during the COVID-19 pandemic: A latent transition analysis of the English
    Longitudinal Study of Ageing"***
4
5
    * STATA version: 17.0, BE-Basic Edition
6
7
    * STATA citation: StataCorp. 2021. Stata Statistical Software: Release 17. College Station, TX:
    StataCorp LLC.
8
    * Data citation (main ELSA survey): Banks, J., Batty, G. David, Breedvelt, J., Coughlin, K.,
    Crawford, R., Marmot, M., Nazroo, J., Oldfield, Z., Steel, N., Steptoe, A., Wood, M., Zaninotto, P.
     (2021). English Longitudinal Study of Ageing: Waves 0-9, 1998-2019. [data collection]. 37th Edition.
    UK Data Service. SN: 5050, DOI: 10.5255/UKDA-SN-5050-24
10
11
    * Data citation (COVID-19 sub-study): Steptoe, A., Addario, G., Banks, J., Batty, G. David,
    Coughlin, K., Crawford, R., Dangerfield, P., Marmot, M., Nazroo, J., Oldfield, Z., Pacchiotti, B.,
    Steel, N., Wood, M., Zaninotto, P. (2021). English Longitudinal Study of Ageing COVID-19 Study,
    Waves 1-2, 2020. [data collection]. 2nd Edition. UK Data Service. SN: 8688, DOI:
    10.5255/UKDA-SN-8688-2
12
13
    * Data access statement: ELSA data from the main survey (SN 5050) and the COVID-19 sub-study (SN
    8688) are available through the UK Data Service (https://ukdataservice.ac.uk/). The main ELSA
    dataset is safeguarded and can be accessed via
    https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=5050#!/access-data. The COVID-19
    sub-study can be accessed via
    https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=8688#!/access-data. More information
    on how to access ELSA, including the conditions of use, can be found on the UK Data Service website
     (main ELSA survey: https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=5050#!/details;
    COVID-19 sub-study: https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=8688#!/details)
    and the ELSA website (main ELSA survey: https://www.elsa-project.ac.uk/accessing-elsa-data; COVID-19
    sub-study: https://www.elsa-project.ac.uk/covid-19-data).
14
15
    * Date of data access/download (dd/mm/yyyy): 17/12/2021
16
    * Project ID: 217429
17
18
19
    * Data documentation: Documentation pertaining to ELSA (e.g., data dictionaries, questionnaires,
    technical reports, user guides) is available on the UK Data Service website (main ELSA survey:
    https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=5050#!/documentation; COVID-19
    sub-study: https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=8688#!/documentation) and
    the ELSA website (main ELSA survey: https://www.elsa-project.ac.uk/data-and-documentation; COVID-19
    sub-study: https://www.elsa-project.ac.uk/covid-19-data).
20
    ********
21
22
    ***DATA PROCESSING***
    **********
23
24
25
    * Change working directory - add pathname in between quotation marks for Windows
    cd ""
26
27
    * Variables Wave 9
28
29
    use idauniq scint scinddt scindlt scindtb scindph scind95 scind96 scinaem scinacl scinaed scinabk
    scinash scinasl scinasn scinact scinanw scinast scinagm scinajb scinaps scina95 scina96 scinahe
    w9nssec8 w9nssec3 samptyp w9xwgt w9scwt indsex indager dimarr fqethnmr wpdes hhtot heill helim using
    wave 9 elsa data eul v1.dta
30
    * Describe dataset
31
    describe
```

```
* Sort from lowest to highest participant identifier (ID)
33
     sort idaunia
     * Rename variables to shorter forms
34
35
     rename w9nssec8 nssec8
     rename w9nssec3 nssec3
37
     rename indsex Sex
38
     * Generate a new variable called wave and assign the number 9 to each observation (to designate Wave
     9)
39
     gen wave = 9
     * Save Wave 9 core dataset
40
41
     save wave9internet.dta
42
43
     * Variables COVID Wave 1
44
     use idauniq CvIntA CvIntB CvIntC01 CvIntC02 CvIntC03 CvIntC04 CvIntC05 CvIntC06 CvIntC07 CvIntC08
     CVIntC09 CVIntC10 CVIntC11 CVIntC12 CVIntD CVIntE01 CVIntE02 CVIntE03 CVIntE04 CVIntE05 CVIntE06
     CvIntE07 CvIntE08 CvIntE980 CvIntE990 CvIntE995 CvIntE998 FinStat Cohort CorePartner wtfin1 wtfin2
     cov191wgt Sex Age Arch RelStat Ethnicity arch CvPred CvPstd CvNumP heill updated helim updated using
     elsa_covid_w1_eul.dta
     * Describe dataset
45
46
     describe
47
     * Sort from lowest to highest participant ID
     sort idauniq
49
     * Generate a new variable called wave and assign the number 10 to each observation (to designate
     COVID Wave 1)
50
     gen wave = 10
     * Save COVID Wave 1 core dataset
51
52
     save covidwave1internet.dta
53
54
     * Variables Wave 9 Derived
55
     use idauniq edqual using wave_9_ifs_derived_variables.dta
56
     * Describe dataset
57
     describe
58
     * Sort from lowest to highest participant ID
59
     sort idaunia
     * Save Wave 9 derived dataset
60
61
     save wave9derived.dta
62
63
     * Variables Wave 9 Financial Derived
     use idauniq totwq5_bu_s using wave_9_financial_derived_variables.dta
     * Describe dataset
65
     describe
66
67
     * Sort from lowest to highest participant ID
68
     sort idauniq
    * Save Wave 9 financial dataset
69
     save wave9financial.dta
70
71
72
     * Wave 9 complete data
     * Merge core, derived, and financial datasets for Wave 9 using the participant ID
73
74
     use wave9internet.dta
75
     * One-to-one merge of data in memory with wave9financial.dta on participant ID
76
     merge 1:1 idauniq using wave9financial.dta, generate (merge financial9)
     * Overwrite Wave 9 dataset, by replacing the previously saved file
77
78
     save wave9internet.dta, replace
     * Use the newly saved file for Wave 9
79
     use wave9internet.dta
80
     * One-to-one merge of data in memory with wave9derived.dta on participant ID
82
     merge 1:1 idauniq using wave9derived.dta, generate (merge_derived9)
83
     * Sort from lowest to highest participant ID
84
     sort idauniq
     * Overwrite Wave 9 dataset, by replacing the previously saved file
85
86
     save wave9internet.dta, replace
87
88
     * Append Wave 9 and COVID Wave 1 datasets
```

```
use wave9internet.dta
 90
      append using covidwave1internet.dta
 91
      * Sort by participant ID and wave (lowest to highest)
 92
      sort idauniq wave
 93
      * Assigns a number in ascending order to each row of observations
 94
      gen ascnr = _n
 95
 96
      * Unique individual serial number (personal ID)
 97
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
 98
      replace idauniq = . if idauniq<0</pre>
 99
100
      * Organising dataset
      st Generate a variable that assigns the observation number (i.e., 1 for first data collection
101
      timepoint, 2 for second data collection timepoint) to each row by participant ID
102
      bysort idauniq (wave): gen obsnr = n
      st Generate a variable that assigns the number of total observations to each row of data for a given
103
      participant
104
      bysort idauniq: gen obscount = _N
      * Check how many participants have data at 1 or 2 timepoints - the "if obsnr==1" statement is used
105
      to prevent participants with data at two timepoints from contributing to the counts twice
106
      tabulate obscount if obsnr==1
107
      * Generate a variable that assigns the number 1 to the row representing participants' first
      observation
      bysort idauniq (wave): gen first = 1 if _n==1
108
      * Generate a variable that assigns the number 1 to the row representing participants' last observation
109
      bysort idauniq (wave): gen last = 1 if _n== N
110
111
      * Generate a variable that assigns the number 1 to the row representing participants' first
      observation if this corresponds to Wave 9 (baseline)
112
      bysort idauniq (wave): gen firstwave = 1 if obsnr==1 & wave==9
113
      * Carry the value of this last variable forwards to the remainder of a participant's observations
114
      bysort idauniq: gen variable = firstwave[1]
      * Install unique command
115
      ssc install unique
116
117
      * Count total number of participants and observations
118
      unique idauniq
      * 9,043 individuals, 15,776 observations
119
120
      st Assign the COVID Wave 1 longitudinal weight to all observations for a participant
121
      bysort idauniq(wave): replace cov19lwgt = cov19lwgt[2]
122
      * Drop if participant is not a core member
123
      drop if (samptyp !=1 & wave==9) | (inlist(wtfin1,-1,.) & wave==10)
124
      * Count total number of participants and observations
125
      unique idauniq
126
      * 7,489 individuals, 13,074 observations
127
      * Replace age = 90 if participant is aged 90+ years (collapsed in ELSA and coded as -7 at Wave 9)
      replace indager = 90 if indager == -7
128
129
      * Drop observation if the participant is aged less than 60 years at Wave 9
130
      drop if indager < 60 & wave==9</pre>
131
      * Count total number of participants and observations
132
      unique idauniq
133
      * 7,097 individuals, 11,687 observations
134
      * Check how many participants have data at Wave 9
135
      tab firstwave
136
      * Drop if age data are missing at Wave 9
      drop if indager ==. & wave==9
137
138
      * Count total number of participants and observations
139
      unique idauniq
140
      * 7,097 individuals, 11,687 observations
141
      tab Age_Arch
142
      st Drop observation if the participant is aged less than 60 years at COVID Wave 1
143
      drop if Age_Arch < 60 & wave==10</pre>
144
      * Count total number of participants and observations
145
      unique idauniq
146
      * 6,187 individuals, 10,777 observations
```

```
* Drop if age data are missing at COVID Wave 1
148
      drop if Age Arch ==. & wave==10
149
      * Count total number of participants and observations
      unique idauniq
150
151
      * 6,187 individuals, 10,777 observations
      * Save dataset with a new name
152
153
      save dataLCA.dta
154
      * Internet frequency (Wave 9, COVID Wave 1)
155
156
157
      * Replace variables as missing for any missing cases (coded as negative numbers in the ELSA dataset)
158
      replace scint = . if scint<0
159
      * Generate a new variable
160
      gen frequency = .
      st Assign the number 0 if the participant never used the internet or email
161
      replace frequency = 0 if scint == 6
162
163
      st Assign the number 1 if the participant used the internet or email at least once a month (but not
      every week), at least once every 3 months, or less than every 3 months
      replace frequency = 1 if inlist(scint,3,4,5)
164
      st Assign the number 2 if the participant used the internet or email at least once a week (but not
165
      every day)
166
      replace frequency = 2 if scint == 2
167
      * Assign the number 3 if the participant used the internet or email every day, or almost every day
      replace frequency = 3 if scint == 1
168
169
      * COVID Wave 1
170
      * Replace variables as missing for any missing cases (coded as negative numbers in the ELSA dataset)
171
      replace CvIntA = . if CvIntA<0
172
      * Assign the number 0 if the participant never used the internet
173
      replace frequency = 0 if CvIntA == 6
174
      st Assign the number 1 if the participant used the internet at least once a month (but not every
      week), or less than monthly
175
      replace frequency = 1 if inlist(CvIntA,4,5)
176
      * Assign the number 2 if the participant used the internet at least once a week (but not every day)
177
      replace frequency = 2 if CvIntA == 3
178
      st Assign the number 3 if the participant used the internet more than once a day, every day, or
      almost every day
179
      replace frequency = 3 if inlist(CvIntA,1,2)
180
      * Coding of final internet frequency variable:
181
      * 0: Never
      * 1: Low frequency (At least once a month, but not every week/Less than monthly/At least once every
182
      three months/Less than every three months)
183
      * 2: Moderate frequency (At least once a week, but not every day)
      * 3: High frequency (More than once a day/Every day, or almost every day)
184
185
      * Highest Educational Qualification (Wave 9)
186
187
      * Excluded foreign/other
188
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
189
      replace edqual = . if edqual<0</pre>
190
      * Check participant counts in each category at Wave 9
191
      tab edqual if wave==9
192
      * Generate a new variable
      gen educanew = .
193
      * Assign the number 0 if the participant does not have any formal qualifications
194
195
      replace educanew = 0 if edqual == 7
196
      * Assign the number 1 if the participant has A level equivalent, O level equivalent, or other grade
      equivalent
197
      replace educanew = 1 if inlist(edqual,3,4,5)
198
      * Assign the number 2 if the participant has completed some higher education (below degree), or has
      a degree or equivalent
      replace educanew = 2 if inlist(edgual,1,2)
199
200
      * Coding of final education variable:
201
      * 0: No formal qualifications
202
      * 1: School qualifications
```

```
* 2: Higher education
204
205
      * NS-SEC 8 and 3 category classification (Wave 9)
206
      * Excluded Never worked and long-term unemployed
      st Replace variables as missing for any missing cases (coded as negative numbers or 99 in the ELSA
207
      dataset)
208
      replace nssec8 = . if nssec8<0
209
      replace nssec8 = . if nssec8 == 99
      replace nssec3 = . if nssec3<0</pre>
210
      replace nssec3 = . if nssec3 == 99
211
212
      * Generate a new variable
213
      gen mynssec3 = .
      st Assign the number 2 if the participant's current or most recent occupation was coded as: Higher
214
      managerial, administrative and professional occupations; or Lower managerial, administrative and
      professional occupations
215
      replace mynssec3 = 2 if inlist(nssec8,1,2)
216
      st Assign the number 1 if the participant's current or most recent occupation was coded as:
      Intermediate occupation; or Small employers and own account workers
217
      replace mynssec3 = 1 if inlist(nssec8,3,4)
218
      st Assign the number 0 if the participant's current or most recent occupation was coded as: Lower
      supervisory and technical occupations; or Semi-routine occupations; or Routine occupations
219
      replace mynssec3 = 0 if inlist(nssec8,5,6,7)
220
      * Coding of final occupational class variable:
221
      * 0: Lower occupations
222
      * 1: Intermediate occupations
223
      * 2: Higher occupations
224
225
      * Quintiles of BU total (non-pension) wealth (Wave 9)
226
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
227
      replace totwq5_bu_s = . if totwq5_bu_s<0</pre>
228
      * Coding of final wealth variable:
229
      * 1: 1st quintile (lowest)
      * 2: 2nd quintile
230
      * 3: 3rd quintile
231
      * 4: 4th quintile
232
233
      * 5: 5th quintile (highest)
234
235
      * Biological sex (Wave 9, COVID Wave 1)
236
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
      replace Sex = . if Sex<0</pre>
237
238
      * Assign the number 0 if the participant is male
239
      replace Sex = 0 if Sex == 1
240
      * Assign the number 1 if the participant is female
      replace Sex = 1 if Sex == 2
241
      * Coding of the final biological sex variable:
242
243
      * 0: Male, 1: Female
244
245
      * Ethnicity (Wave 9, COVID Wave 1)
246
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
247
248
      replace fqethnmr = . if fqethnmr<0
249
      * Assign the number 0 if the participant is White
250
      replace fqethnmr = 0 if fqethnmr == 1
      * Assign the number 1 if the participant is Non-White
251
252
      replace fqethnmr = 1 if fqethnmr == 2
253
      * COVID Wave 1
254
      * Assign the number 0 if the participant is Non-BAME
255
      replace Ethnicity_arch = 0 if Ethnicity_arch == 1
      * Assign the number 1 if the participant is BAME
256
257
      replace Ethnicity_arch = 1 if Ethnicity_arch == 2
258
      * Coding of the final ethnicity variable:
259
      * 0: White, 1: Non-White
260
```

## 2022-10-18 do-file-stata-internet-annotated v01 - Printed on 19/10/2022 17:38:24

```
* Current employment situation (Wave 9, COVID Wave 1)
262
      st Replace variables as missing for any missing cases (coded as negative numbers in the ELSA dataset)
263
      replace wpdes = . if wpdes<0
      replace CvPstd = . if CvPstd<0
264
265
266
      * Number of people in household (Wave 9, COVID Wave 1)
267
268
      * Replace variable as missing for any missing cases (coded as negative numbers or 0 in the ELSA
      dataset)
      replace hhtot = . if hhtot<0</pre>
269
270
      replace hhtot = . if hhtot==0
271
      * Assign the number 0 if one person lives in household
      replace hhtot = 0 if hhtot==1
272
273
      * Assign the number 1 if more than one person lives in household
      replace hhtot = 1 if hhtot>1 & hhtot != .
274
275
      * COVID Wave 1
276
      * Replace variable as missing for any missing cases (coded as negative numbers or 0 in the ELSA
      dataset)
      replace CvNumP = . if CvNumP<0</pre>
277
      * Assign the number 0 if one person lives in household
278
279
      replace CvNumP = 0 if CvNumP==1
280
      * Assign the number 1 if more than one person lives in household
      replace CvNumP = 1 if CvNumP>1 & CvNumP != .
281
282
      * Coding of the final living status variable:
283
      * 0: Living alone, 1: Not living alone
284
285
      * Age categorical (Wave 9, COVID Wave 1)
286
      * Generate a new variable
287
      gen age cat = .
288
      st Assign the number 0 for participants aged 60-69 years at Wave 9
289
      replace age_cat = 0 if indager >= 60 & indager <= 69</pre>
      * Assign the number 1 for participants aged 70-79 years at Wave 9
290
291
      replace age_cat = 1 if indager >= 70 & indager <= 79
292
      * Assign the number 2 for participants aged 80+ years at Wave 9 and without missing age data
293
      replace age_cat = 2 if indager >= 80 & indager != .
294
      st Assign the number 0 for participants aged 60-69 years at COVID Wave 1
295
      replace age_cat = 0 if Age_Arch >= 60 & Age_Arch <= 69
296
      * Assign the number 1 for participants aged 70-79 years at COVID Wave 1
297
      replace age_cat = 1 if Age_Arch >= 70 & Age_Arch <= 79</pre>
298
      * Assign the number 2 for participants aged 80+ years at COVID Wave 1 and without missing age data
299
      replace age_cat = 2 if Age_Arch >= 80 & Age_Arch != .
300
      * Coding of the final categorical age variable:
301
      * 0: 60-69 years
      * 1: 70-79 years
302
      * 2: 80+ years
303
304
305
      * Limiting long-standing illness (Wave 9)
306
      st Generate a new variable and assign the number 0 for participants with no long-standing illness or
      a long-standing illness that is not limiting
      gen limiting = 0 if heill == 2 | helim == 2
307
308
      * Assign the number 1 for participants with a limiting long-standing illness
309
      replace limiting = 1 if helim == 1
310
      * Coding of the final limiting long-standing illness variable:
      * 0: No long-standing illness or not limiting, 1: Limiting long-standing illness
311
312
313
      * Save dataset with a new name
314
      save data01LCA.dta
315
      * Time-constant education - Wave 9
316
      * Generate a new variable duplicating the education variable at Wave 9
317
318
      gen educa cons = educanew if wave==9
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
319
320
      tsset idauniq wave
```

```
321
      * Install carryforward command
322
      ssc install carryforward
323
      * Generate a completely balanced dataset (i.e., all participants have a row for each wave)
324
      tsfill, full
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
325
      Wave 1) by participant ID
326
      bysort idauniq: carryforward educa cons, replace
327
328
      * Time-constant occupational class - Wave 9
329
      st Generate a new variable duplicating the occupational class variable at Wave 9
330
      gen mynssec3 cons = mynssec3 if wave==9
331
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
332
      tsset idauniq wave
333
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
334
      bysort idauniq: carryforward mynssec3 cons, replace
335
336
      * Time-constant wealth - Wave 9
      * Generate a new variable duplicating the wealth variable at Wave 9
337
      gen wealth_cons = totwq5_bu_s if wave==9
338
339
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
340
     tsset idauniq wave
341
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
      bysort idauniq: carryforward wealth cons, replace
342
343
344
      * Time-constant biological sex - Wave 9
345
      * Generate a new variable duplicating the biological sex variable at Wave 9
346
      gen sex cons = Sex if wave==9
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
347
348
      tsset idauniq wave
349
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
     Wave 1) by participant ID
350
      bysort idauniq: carryforward sex cons, replace
351
352
      * Time-constant age category - Wave 9
353
      st Generate a new variable duplicating the categorical age variable at Wave 9
354
      gen age cons = age cat if wave==9
355
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
356
      tsset idauniq wave
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
357
     Wave 1) by participant ID
     bysort idauniq: carryforward age_cons, replace
358
359
360
      * Limiting long-standing illness - Wave 9 (and updated in COVID Wave 1 for non-responders)
361
      * Generate a new variable duplicating the limiting long-standing illness variable at Wave 9
362
      gen limiting_cons = limiting if wave==9
363
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
364
      tsset idauniq wave
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
365
      Wave 1) by participant ID
      bysort idauniq: carryforward limiting cons, replace
366
      * Assign the number 0 for participants with no long-standing illness or a long-standing illness that
367
      is not limiting at COVID Wave 1
368
      replace limiting_cons = 0 if heill_updated == 2 | helim_updated == 2
369
      st Assign the number 1 for participants with a limiting long-standing illness at COVID Wave 1
370
      replace limiting_cons = 1 if helim_updated == 1
371
      * Save dataset with a new name
372
      save data02LCA.dta
373
374
      * Time variable
375
376
      * Generate a new variable
```

```
gen Time = .
378
      * Assign the number 0 for observations at Wave 9
      replace Time = 0 if wave==9
379
380
      * Assign the number 1 for observations at COVID Wave 1
381
      replace Time = 1 if wave==10
382
      * Coding of the final time variable:
      * 0: Wave 9, 1: COVID Wave 1
383
384
385
      * Activities respondent used internet for in last 3 months (Wave 9, COVID Wave 1)
386
387
      * Generate a new variable
388
      gen emails = .
389
      st Assign the number 1 if the participant reported using the internet for sending/receiving emails
390
      replace emails = 1 if scinaem==1 & wave==9
      replace emails = 1 if CvIntC01==1 & wave==10
391
      * Assign the number 0 if the participant reported not using the internet for sending/receiving emails
392
393
      replace emails = 0 if scinaem==0 & wave==9
394
      replace emails = 0 if CvIntC01==0 & wave==10
395
      * Calls
      * Generate a new variable
396
397
      gen calls = .
398
      * Assign the number 1 if the participant reported using the internet for telephoning/video calls
      (via webcam) over the internet at Wave 9
399
      replace calls = 1 if scinacl==1 & wave==9
      st Assign the number 1 if the participant reported using the internet for making video or voice calls
400
      at COVID Wave 1
401
      replace calls = 1 if CvIntC02==1 & wave==10
402
      * Assign the number 0 if the participant reported not using the internet for telephoning/video calls
      (via webcam) over the internet at Wave 9
403
      replace calls = 0 if scinacl==0 & wave==9
404
      st Assign the number 0 if the participant reported not using the internet for making video or voice
      calls at COVID Wave 1
405
      replace calls = 0 if CvIntC02==0 & wave==10
406
      * Health
407
      * Generate a new variable
408
      gen health = .
409
      st Assign the number 1 if the participant reported using the internet for finding information on
      health-related issues
410
      replace health = 1 if scinahe==1 & wave==9
411
      replace health = 1 if CvIntC03==1 & wave==10
      st Assign the number 0 if the participant reported not using the internet for finding information on
412
      health-related issues
413
      replace health = 0 if scinahe==0 & wave==9
414
      replace health = 0 if CvIntC03==0 & wave==10
415
      * Entertainment
416
      * Generate a new variable
417
      gen entertainment = .
418
      * Assign the number 1 if the participant reported using the internet for streaming/downloading live
      or on demand TV/radio (BBC iPlayer, 40D, ITV Player, Demand 5), music (iTunes, Spotify), ebooks, or
      games at Wave 9
      replace entertainment = 1 if (scinast==1 | scinagm==1) & wave==9
419
      * Assign the number 1 if the participant reported using the internet for streaming TV/videos/radio
420
      (BBC iPlayer, Netflix, Amazon Prime, YouTube), listening to music (Spotify, Apple Music), playing
      online games, or reading ebooks at COVID Wave 1
421
      replace entertainment = 1 if CvIntC08==1 & wave==10
      * Assign the number 0 if the participant reported not using the internet for streaming/downloading
422
      live or on demand TV/radio (BBC iPlayer, 40D, ITV Player, Demand 5), music (iTunes, Spotify),
      ebooks, or games at Wave 9
      replace entertainment = 0 if (scinast==0 & scinagm==0) & wave==9
423
424
      * Assign the number 0 if the participant reported not using the internet for streaming
      TV/videos/radio (BBC iPlayer, Netflix, Amazon Prime, YouTube), listening to music (Spotify, Apple
      Music), playing online games, or reading ebooks at COVID Wave 1
425
      replace entertainment = 0 if CvIntC08==0 & wave==10
```

```
426
      * News
427
      * Generate a new variable
428
      gen news = .
429
      * Assign the number 1 if the participant reported using the internet for news/newspaper/blog websites
430
      replace news = 1 if scinanw==1 & wave==9
      replace news = 1 if CvIntC07==1 & wave==10
431
      * Assign the number 0 if the participant reported not using the internet for reading
432
      news/newspaper/blog websites
433
      replace news = 0 if scinanw==0 & wave==9
434
      replace news = 0 if CvIntC07==0 & wave==10
435
      * Market
436
      * Generate a new variable
437
      gen market = .
438
      * Assign the number 1 if the participant reported using the internet for shopping/buying goods or
      services
439
      replace market = 1 if scinash==1 & wave==9
440
      replace market = 1 if CvIntC05==1 & wave==10
441
      * Assign the number 0 if the participant reported not using the internet for shopping/buying goods
      or services
442
      replace market = 0 if scinash==0 & wave==9
443
      replace market = 0 if CvIntC05==0 & wave==10
444
      * Social networking
445
      * Generate a new variable
446
      gen socialnetworking = .
      st Assign the number 1 if the participant reported using the internet for social networking sites
447
      (Facebook, Twitter, MySpace), or creating, uploading, or sharing content (YouTube, blogging, or
      Flickr) at Wave 9
448
      replace socialnetworking = 1 if (scinasn==1 | scinact==1) & wave==9
449
      * Assign the number 1 if the participant reported using the internet for social networking sites at
      COVID Wave 1
450
      replace socialnetworking = 1 if CvIntC06==1 & wave==10
      st Assign the number 0 if the participant reported not using the internet for social networking sites
451
      (Facebook, Twitter, MySpace), or creating, uploading, or sharing content (YouTube, blogging, or
      Flickr) at Wave 9
      replace socialnetworking = 0 if (scinasn==0 & scinact==0) & wave==9
452
      * Assign the number 0 if the participant reported not using the internet for social networking sites
453
      at COVID Wave 1
454
      replace socialnetworking = 0 if CvIntC06==0 & wave==10
455
      * Internet transactions
456
      * Generate a new variable
      gen internettransactions = .
457
      st Assign the number 1 if the participant reported using the internet for finances (banking, paying
458
      bills), or public services (e.g., obtaining benefits, paying taxes) at Wave 9
459
      replace internettransactions = 1 if (scinabk==1 | scinaps==1) & wave==9
460
      st Assign the number 1 if the participant reported using the internet for managing finances at COVID
      Wave 1
      replace internettransactions = 1 if CvIntC04==1 & wave==10
461
      * Assign the number 0 if the participant reported not using the internet for finances (banking,
462
      paying bills), or public services (e.g., obtaining benefits, paying taxes) at Wave 9
      replace internettransactions = 0 if (scinabk==0 & scinaps==0) & wave==9
463
464
      st Assign the number 0 if the participant reported not using the internet for managing finances at
      COVID Wave 1
465
      replace internettransactions = 0 if CvIntC04==0 & wave==10
466
      * Count total number of participants and observations
467
468
      unique idauniq
469
      * 6,187 individuals, 12,374 observations
470
      * Dummy variables for conditional LCA and LTA models
471
472
      * Education
473
      * Medium education (i.e., school qualifications) (coded as 1) versus low (i.e., no formal
      qualifications) or high (i.e., higher education) education (coded as 0)
474
      gen mediumed = 0 if inlist(educa cons,0,2)
```

```
replace mediumed = 1 if educa_cons == 1
476
      * High education (coded as 1) versus low or medium education (coded as 0)
477
      gen highed = 0 if inlist(educa_cons,0,1)
478
      replace highed = 1 if educa_cons == 2
479
      * Occupational class
      * Intermediate occupations (coded as 1) versus lower or higher occupations (coded as 0)
480
481
      gen mediumocc = 0 if inlist(mynssec3 cons,0,2)
482
      replace mediumocc = 1 if mynssec3_cons == 1
483
      * Higher occupations (coded as 1) versus lower or intermediate occupations (coded as 0)
      gen highocc = 0 if inlist(mynssec3_cons,0,1)
484
485
      replace highocc = 1 if mynssec3_cons == 2
486
      * Wealth
487
      * 2nd quintile (coded as 1) versus 1st, 3rd, 4th, or 5th quintile (coded as 0)
488
      gen quint2 = 0 if inlist(wealth_cons,1,3,4,5)
489
      replace quint2 = 1 if wealth cons == 2
      * 3rd quintile (coded as 1) versus 1st, 2nd, 4th, or 5th quintile (coded as 0)
490
491
      gen quint3 = 0 if inlist(wealth cons,1,2,4,5)
492
      replace quint3 = 1 if wealth_cons == 3
493
      * 4th quintile (coded as 1) versus 1st, 2nd, 3rd, or 5th quintile (coded as 0)
494
      gen quint4 = 0 if inlist(wealth_cons,1,2,3,5)
495
      replace quint4 = 1 if wealth_cons == 4
      * 5th quintile (coded as 1) versus 1st, 2nd, 3rd, or 4th quintile (coded as 0)
496
497
      gen quint5 = 0 if inlist(wealth_cons,1,2,3,4)
498
      replace quint5 = 1 if wealth_cons == 5
499
500
      * Age continuous (Wave 9, COVID Wave 1)
501
      gen agecont = indager if wave==9
502
      replace agecont = Age_Arch if wave==10
503
504
      * Time-constant age continuous - Wave 9
505
      * Generate a new variable duplicating the categorical age variable at Wave 9
506
      gen indager_cons = indager if wave==9
507
      * Declare a panel dataset with participant ID "idaunig" and time variable "wave"
508
      tsset idauniq wave
      st Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
509
      Wave 1) by participant ID
510
      bysort idauniq: carryforward indager_cons, replace
511
512
      * Save dataset with a new name
513
      save datalongLCA.dta
514
      *********
515
      ***DATA ANALYSIS***
516
      ******
517
518
519
      * Keep necessary variables
520
      keep idauniq Time mediumed highed mediumocc highocc quint2 quint3 quint4 quint5 indager_cons sex_cons
       Sex emails calls health entertainment news market socialnetworking internettransactions
521
      * Save dataset with a new name
522
      save LCAlongcov.dta
      * Reshape data into wide format for observations identified by participant ID and add "Time" as an
523
      identifying time period
524
      reshape wide Sex emails calls health entertainment news market socialnetworking internettransactions,
       i(Time) i(idauniq)
525
      * Save dataset with a new name
526
      save LCAwidecov.dta
527
      * Rename time-varying variables to shorter forms and/or to distinguish the relevant time period
528
      rename Sex0 SexTV0
529
      rename entertainment0 enter0
530
      rename socialnetworking0 social0
531
      rename internettransactions0 transa0
532
      rename Sex1 SexTV1
```

533

rename entertainment1 enter1

```
rename socialnetworking1 social1
535
      rename internettransactions1 transa1
536
      * Save dataset with a new name
      save LCAwidenamescov.dta
537
538
      * Use data in memory
539
540
      use LCAwidenamescov.dta
541
      * Keep if the participant is male
542
      keep if sex cons==0 | SexTV1==0
      * Save dataset with a new name
543
544
      save malewide2.dta
545
      * Count total number of participants
546
     unique idauniq
      * 2,694 individuals
547
      * Find the necessary package
548
549
      search stata2mplus
550
      * Convert Stata data into a data file and Mplus input file
551
      stata2mplus using malewide2.dta
552
      * Use LCAwidenamescov.dta dataset
553
      use LCAwidenamescov.dta
554
555
      * Keep if the participant is female
      keep if sex_cons==1 | SexTV1==1
556
     * Save dataset with a new name
557
558
      save femalewide2.dta
      * Count total number of participants
559
560
      unique idauniq
561
      * 3,493 individuals
562
      * Convert Stata data into a data file and Mplus input file
563
      stata2mplus using femalewide2.dta
564
      * Import posterior probabilities of class membership following the unconditional 3-class LCA for
565
     male participants (pre-pandemic)
566
      import excel "", sheet("") firstrow
567
      * Save dataset with a new name
568
569
      save posteriormalec3t0.dta
570
      * Import posterior probabilities of class membership following the unconditional 3-class LCA for
      male participants (intra-pandemic)
571
      import excel "", sheet("") firstrow clear
      * Save dataset with a new name
572
573
     save posteriormalec3t1.dta
574
575
      * Use male participant dataset with core variables included in analyses
576
      use malewide2.dta
577
      * One-to-one merge of data in memory with posteriormalec3t0.dta on participant ID
578
      merge 1:1 idauniq using posteriormalec3t0.dta, generate (merge_posc3t0)
579
      * Sort from lowest to highest participant ID
      sort idauniq
580
      * One-to-one merge of data in memory with posteriormalec3t1.dta on participant ID
581
582
     merge 1:1 idauniq using posteriormalec3t1.dta, generate (merge posc3t1)
583
      * Sort from lowest to highest participant ID
584
      sort idauniq
      * Drop unnecessary variables
585
586
      drop merge_posc3t0 merge_posc3t1
587
      * Save dataset with a new name
588
      save LCAmalecross.dta
589
      * Re-order classes
590
      gen classnew0 = .
591
592
      replace classnew0 = 1 if class0==3
593
      replace classnew0 = 2 if class0==2
594
      replace classnew0 = 3 if class0==1
```

```
gen classnew1 = .
596
      replace classnew1 = 1 if class1==2
597
      replace classnew1 = 2 if class1==3
598
      replace classnew1 = 3 if class1==1
599
      * 1: Low
      * 2: Medium
600
601
      * 3: High
602
      * Overwrite dataset, by replacing the previously saved file
603
      save LCAmalecross.dta, replace
604
605
      * Produce a two-way table of frequency counts (preliminary cross-classification tables)
606
      tabulate classnew0 classnew1
607
      tab classnew0 if classnew0!=. & classnew1!=.
      tab classnew1 if classnew0!=. & classnew1!=.
608
609
      * Use full dataset
610
611
      use datalongLCA.dta
612
      * Keep observations at baseline
      keep if wave==9
613
      * Save dataset with a new name
614
      save demographw9.dta
615
616
      st Descriptive statistics for the total male sample and stratified by class membership (pre-pandemic)
617
618
      * Use complete male participant dataset
619
      use LCAmalecross.dta
620
      * One-to-one merge of data in memory with demographw9.dta on participant ID
621
      merge 1:1 idauniq using demographw9.dta, generate (merge demograph)
622
      * Sort from lowest to highest participant ID
623
      sort idauniq
624
      * Keep data from the participants included in the unconditional LCA at pre-pandemic
625
      keep if classnew0!=.
      * Count total number of participants
626
      unique idauniq
627
628
      * 1,819 individuals
629
      replace dimarr = . if dimarr<0
630
      replace dimarr = 4 if dimarr==5
631
      replace dimarr = 5 if dimarr==6
632
      sum indager
633
      tab age_cat
      tab fqethnmr
634
635
      tab dimarr
636
     tab wpdes
637
      save maledescw9.dta
     tab hhtot
638
639
      tab edqual
640
      tab educa cons
641
     tab mynssec3_cons
642
     tab wealth cons
643
     tab frequency
644
      tab limiting
645
      tab limiting cons
646
647
      sum indager_cons if classnew0==1
648
      tab age cat if classnew0==1
649
      tab fqethnmr if classnew0==1
650
      tab dimarr if classnew0==1
651
      tab wpdes if classnew0==1
      tab hhtot if classnew0==1
652
653
      tab educa cons if classnew0==1
      tab mynssec3_cons if classnew0==1
654
655
      tab wealth cons if classnew0==1
      tab frequency if classnew0==1
656
657
      tab limiting if classnew0==1
```

```
658
      tab limiting_cons if classnew0==1
659
660
      sum indager_cons if classnew0==2
661
      tab age_cat if classnew0==2
      tab fqethnmr if classnew0==2
662
      tab dimarr if classnew0==2
663
      tab wpdes if classnew0==2
664
665
      tab hhtot if classnew0==2
      tab educa cons if classnew0==2
666
667
      tab mynssec3_cons if classnew0==2
668
      tab wealth_cons if classnew0==2
669
      tab frequency if classnew0==2
670
      tab limiting if classnew0==2
671
      tab limiting_cons if classnew0==2
672
673
      sum indager_cons if classnew0==3
674
      tab age cat if classnew0==3
675
      tab fqethnmr if classnew0==3
      tab dimarr if classnew0==3
676
677
      tab wpdes if classnew0==3
      tab hhtot if classnew0==3
678
679
      tab educa_cons if classnew0==3
680
      tab mynssec3_cons if classnew0==3
681
      tab wealth_cons if classnew0==3
682
      tab frequency if classnew0==3
683
      tab limiting if classnew0==3
684
      tab limiting_cons if classnew0==3
685
686
      use datalongLCA.dta
687
688
      * Time-constant marital status - Wave 9
689
      st Generate a new variable duplicating the marital status variable at Wave 9
690
      gen marital cons = dimarr if wave==9
691
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
692
      tsset idauniq wave
693
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
694
      bysort idauniq: carryforward marital_cons, replace
695
696
      * Time-constant ethnicity - Wave 9
      * Generate a new variable duplicating the ethnicity variable at Wave 9
697
698
      gen ethnicity_cons = fqethnmr if wave==9
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
699
700
      tsset idauniq wave
      st Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
701
      Wave 1) by participant ID
702
      bysort idauniq: carryforward ethnicity_cons, replace
703
704
      save datalongLCA.dta, replace
705
      * Use full dataset
706
707
      use datalongLCA.dta
708
      * Keep observations at follow-up
      keep if wave==10
709
710
      * Save dataset with a new name
711
      save demographcw1.dta
712
      * Descriptive statistics for the total male sample and stratified by class membership (intra-pandemic)
713
714
      * Use complete male participant dataset
715
      use LCAmalecross.dta
716
      * One-to-one merge of data in memory with demographcw1.dta on participant ID
717
      merge 1:1 idauniq using demographcw1.dta, generate (merge_demograph)
718
      * Sort from lowest to highest participant ID
```

```
719
      sort idauniq
720
      * Keep data from the participants included in the unconditional LCA at intra-pandemic
721
      keep if classnew1!=.
722
      * Count total number of participants
723
      unique idauniq
724
      * 1,750 individuals
725
      sum Age Arch
      tab age_cat
726
727
      tab Ethnicity arch
728
      tab RelStat
729
      tab marital cons
730
      replace marital_cons = . if marital_cons<0</pre>
731
      tab RelStat if marital_cons==.
732
      gen relcw1 = marital_cons
      replace relcw1 = 1 if RelStat == 8 & marital_cons==.
733
734
      replace relcw1 = 2 if inlist(RelStat,1,3,4) & marital_cons==.
735
      replace relcw1 = 4 if inlist(RelStat,5,6) & marital_cons==.
736
      replace relcw1 = 4 if marital_cons==5
      replace relcw1 = 5 if marital cons==6
737
      replace relcw1 = 5 if RelStat == 7 & marital_cons==.
738
739
      tab CvPstd
740
      save maledescw10.dta
741
      tab CvNumP
742
      tab educa_cons
743
      tab mynssec3 cons
744
      tab wealth cons
745
      tab frequency
746
      tab limiting_cons
747
748
      sum Age_Arch if classnew1==1
749
      tab age_cat if classnew1==1
750
      tab Ethnicity_arch if classnew1==1
751
      tab relcw1 if classnew1==1
752
      tab CvPstd if classnew1==1
753
      tab CvNumP if classnew1==1
754
      tab educa cons if classnew1==1
755
      tab mynssec3_cons if classnew1==1
756
      tab wealth_cons if classnew1==1
757
      tab frequency if classnew1==1
758
      tab limiting_cons if classnew1==1
759
      sum Age Arch if classnew1==2
760
761
      tab age cat if classnew1==2
762
      tab Ethnicity arch if classnew1==2
      tab relcw1 if classnew1==2
763
764
      tab CvPstd if classnew1==2
765
      tab CvNumP if classnew1==2
766
      tab educa_cons if classnew1==2
767
      tab mynssec3_cons if classnew1==2
      tab wealth cons if classnew1==2
768
769
      tab frequency if classnew1==2
770
      tab limiting_cons if classnew1==2
771
772
      sum Age Arch if classnew1==3
773
      tab age_cat if classnew1==3
774
      tab Ethnicity_arch if classnew1==3
775
      tab relcw1 if classnew1==3
776
      tab CvPstd if classnew1==3
777
      tab CvNumP if classnew1==3
      tab educa_cons if classnew1==3
778
779
      tab mynssec3_cons if classnew1==3
780
      tab wealth_cons if classnew1==3
781
      tab frequency if classnew1==3
```

```
tab limiting_cons if classnew1==3
783
784
      * Import posterior probabilities of class membership following the unconditional 3-class LCA for
      female participants (pre-pandemic)
785
      import excel "", sheet("") firstrow clear
786
787
      * Save dataset with a new name
788
      save posteriorfemalec3t0.dta
789
      * Import posterior probabilities of class membership following the unconditional 2-class LCA for
      female participants (intra-pandemic)
      import excel "", sheet("") firstrow clear
790
791
      * Save dataset with a new name
792
      save posteriorfemalec2t1.dta
793
      * Use female participant dataset with core variables included in analyses
794
795
      use femalewide2.dta
796
      * One-to-one merge of data in memory with posteriorfemalec3t0.dta on participant ID
797
      merge 1:1 idauniq using posteriorfemalec3t0.dta, generate (merge_posc3t0)
798
      * Sort from lowest to highest participant ID
799
      sort idauniq
      * One-to-one merge of data in memory with posteriorfemalec3t1.dta on participant ID
800
801
      merge 1:1 idauniq using posteriorfemalec2t1.dta, generate (merge_posc2t1)
      * Sort from lowest to highest participant ID
802
803
      sort idauniq
804
      * Drop unnecessary variables
      drop merge posc3t0 merge posc2t1
805
806
      * Save dataset with a new name
807
      save LCAfemalecross.dta
808
809
      * Re-order classes
      gen classnew0 = .
810
      replace classnew0 = 1 if class0==2
811
      replace classnew0 = 2 if class0==3
812
813
      replace classnew0 = 3 if class0==1
      gen classnew1 = .
814
815
      replace classnew1 = 1 if class1==2
816
      replace classnew1 = 2 if class1==1
817
      * 1: Low
818
      * 2: Medium
      * 3: High
819
      * Overwrite dataset, by replacing the previously saved file
820
821
      save LCAfemalecross.dta, replace
822
823

    Produce a two-way table of frequency counts (preliminary cross-classification tables)

      tabulate classnew0 classnew1
824
      tab classnew0 if classnew0!=. & classnew1!=.
825
826
      tab classnew1 if classnew0!=. & classnew1!=.
827
828
      * Descriptive statistics for the total female sample and stratified by class membership (pre-pandemic)
829
      * Use complete female participant dataset
830
      use LCAfemalecross.dta
      * One-to-one merge of data in memory with demographw9.dta on participant ID
831
      merge 1:1 idauniq using demographw9.dta, generate (merge_demograph)
832
      * Sort from lowest to highest participant ID
833
834
      sort idauniq
835
      * Keep data from the participants included in the unconditional LCA at pre-pandemic
836
      keep if classnew0!=.
      * Count total number of participants
837
838
      unique idauniq
      * 2,235 individuals
839
840
      replace dimarr = . if dimarr<0</pre>
841
      replace dimarr = 4 if dimarr==5
842
      replace dimarr = 5 if dimarr==6
```

```
sum indager
844
      tab age cat
845
     tab fqethnmr
846
     tab dimarr
847
     tab wpdes
848
      save femaledescw9.dta
849
     tab hhtot
850
     tab edqual
851
     tab educa cons
852
     tab mynssec3_cons
853
     tab wealth cons
854
     tab frequency
855
     tab limiting
856
      tab limiting_cons
857
      sum indager_cons if classnew0==1
858
859
      tab age cat if classnew0==1
860
      tab fqethnmr if classnew0==1
      tab dimarr if classnew0==1
861
      tab wpdes if classnew0==1
862
      tab hhtot if classnew0==1
863
864
      tab educa_cons if classnew0==1
      tab mynssec3_cons if classnew0==1
865
866
      tab wealth_cons if classnew0==1
867
      tab frequency if classnew0==1
      tab limiting if classnew0==1
868
869
      tab limiting_cons if classnew0==1
870
871
      sum indager cons if classnew0==2
872
      tab age_cat if classnew0==2
873
      tab fqethnmr if classnew0==2
      tab dimarr if classnew0==2
874
875
      tab wpdes if classnew0==2
876
      tab hhtot if classnew0==2
      tab educa_cons if classnew0==2
877
878
      tab mynssec3 cons if classnew0==2
879
      tab wealth_cons if classnew0==2
880
      tab frequency if classnew0==2
      tab limiting if classnew0==2
881
882
      tab limiting_cons if classnew0==2
883
884
      sum indager_cons if classnew0==3
      tab age cat if classnew0==3
885
      tab fgethnmr if classnew0==3
886
      tab dimarr if classnew0==3
887
888
      tab wpdes if classnew0==3
889
      tab hhtot if classnew0==3
890
      tab educa cons if classnew0==3
      tab mynssec3_cons if classnew0==3
891
      tab wealth cons if classnew0==3
892
893
      tab frequency if classnew0==3
894
      tab limiting if classnew0==3
895
      tab limiting_cons if classnew0==3
896
897
      * Descriptive statistics for the total female sample and stratified by class membership
      (intra-pandemic)
898
      * Use complete female participant dataset
      use LCAfemalecross.dta
899
      * One-to-one merge of data in memory with demographcw1.dta on participant ID
900
      merge 1:1 idauniq using demographcw1.dta, generate (merge_demograph)
901
902
      * Sort from lowest to highest participant ID
903
      sort idauniq
904
      * Keep data from the participants included in the unconditional LCA at intra-pandemic
```

```
keep if classnew1!=.
906
      * Count total number of participants
907
      unique idauniq
908
      * 2,158 individuals
909
      sum Age_Arch
910
      tab age_cat
911
      tab Ethnicity arch
912
      tab RelStat
913
      tab marital cons
      replace marital_cons = . if marital_cons<0</pre>
914
915
      tab RelStat if marital cons==.
916
      gen relcw1 = marital_cons
917
      replace relcw1 = 1 if RelStat == 8 & marital_cons==.
      replace relcw1 = 2 if inlist(RelStat,1,2,3,4) & marital_cons==.
918
919
      replace relcw1 = 4 if inlist(RelStat,5,6) & marital cons==.
      replace relcw1 = 4 if marital_cons==5
920
921
      replace relcw1 = 5 if marital cons==6
922
      replace relcw1 = 5 if RelStat == 7 & marital_cons==.
923
      tab CvPstd
      save femaledescw10.dta
924
925
      tab CvNumP
926
     tab educa_cons
927
     tab mynssec3_cons
928
     tab wealth_cons
929
      tab frequency
930
      tab limiting_cons
931
932
      sum Age_Arch if classnew1==1
933
      tab age cat if classnew1==1
934
      tab Ethnicity_arch if classnew1==1
      tab relcw1 if classnew1==1
935
     tab CvPstd if classnew1==1
936
937
     tab CvNumP if classnew1==1
938
      tab educa cons if classnew1==1
939
      tab mynssec3_cons if classnew1==1
940
      tab wealth cons if classnew1==1
941
      tab frequency if classnew1==1
942
      tab limiting_cons if classnew1==1
943
944
      sum Age_Arch if classnew1==2
945
      tab age_cat if classnew1==2
946
      tab Ethnicity_arch if classnew1==2
947
     tab relcw1 if classnew1==2
948
     tab CvPstd if classnew1==2
949
      tab CvNumP if classnew1==2
950
      tab educa cons if classnew1==2
951
      tab mynssec3_cons if classnew1==2
952
      tab wealth_cons if classnew1==2
953
      tab frequency if classnew1==2
```

954

tab limiting\_cons if classnew1==2