```
*******
    ***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 pynr==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 = .
      * 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
164
      replace frequency = 1 if inlist(scint,3,4,5)
      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
193
      gen educanew = .
      * 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, other grade
      equivalent, or higher education below degree
197
      replace educanew = 1 if inlist(edqual,3,4,5)
198
      * Assign the number 2 if the participant has a degree or equivalent
      replace educanew = 2 if inlist(edqual,1,2)
199
      * Coding of final education variable:
200
201
      * 0: No formal qualifications
      * 1: School qualifications
202
203
      * 2: Higher education
```

```
204
205
      * NS-SEC 8 and 3 category classification (Wave 9)
      * Excluded Never worked and long-term unemployed
206
      * Replace variables as missing for any missing cases (coded as negative numbers or 99 in the ELSA
207
      replace nssec8 = . if nssec8<0
208
209
      replace nssec8 = . if nssec8 == 99
210
      replace nssec3 = . if nssec3<0
      replace nssec3 = . if nssec3 == 99
211
212
      * Generate a new variable
213
      gen mynssec3 = .
214
      st Assign the number 2 if the participant's current or most recent occupation was coded as: Higher
      managerial, administrative and professional occupations; or Lower managerial, administrative and
      professional occupations
215
      replace mynssec3 = 2 if inlist(nssec8,1,2)
      st Assign the number 1 if the participant's current or most recent occupation was coded as:
216
      Intermediate occupation; or Small employers and own account workers
217
      replace mynssec3 = 1 if inlist(nssec8,3,4)
218
      * 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
228
      * Coding of final wealth variable:
229
      * 1: 1st quintile (lowest)
230
      * 2: 2nd quintile
      * 3: 3rd quintile
231
      * 4: 4th quintile
232
      * 5: 5th quintile (highest)
233
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)
237
      replace Sex = . if Sex<0
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
241
      replace Sex = 1 if Sex == 2
      * Coding of the final biological sex variable:
242
243
      * 0: Male, 1: Female
244
245
      * Ethnicity (Wave 9, COVID Wave 1)
246
      * Wave 9
247
      * Replace variable as missing for any missing cases (coded as negative numbers in the ELSA dataset)
248
      replace fqethnmr = . if fqethnmr<0
      * Assign the number 0 if the participant is White
249
250
      replace fqethnmr = 0 if fqethnmr == 1
251
      * Assign the number 1 if the participant is Non-White
      replace fqethnmr = 1 if fqethnmr == 2
252
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
261
      * Current employment situation (Wave 9, COVID Wave 1)
```

```
st Replace variables as missing for any missing cases (coded as negative numbers in the ELSA dataset)
263
      replace wpdes = . if wpdes<0
264
      replace CvPstd = . if CvPstd<0
265
266
      * Number of people in household (Wave 9, COVID Wave 1)
267
268
      st 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
      replace hhtot = . if hhtot==0
270
271
      * Assign the number 0 if one person lives in household
272
      replace hhtot = 0 if hhtot==1
273
      * Assign the number 1 if more than one person lives in household
274
      replace hhtot = 1 if hhtot>1 & hhtot != .
275
      * COVID Wave 1
276
      * Replace variable as missing for any missing cases (coded as negative numbers or 0 in the ELSA
      dataset)
277
      replace CvNumP = . if CvNumP<0
278
      * Assign the number 0 if one person lives in household
      replace CvNumP = 0 if CvNumP==1
279
      * Assign the number 1 if more than one person lives in househol
280
281
      replace CvNumP = 1 if CvNumP>1 & CvNumP != .
      * Coding of the final living status variable:
282
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>
290
      st Assign the number 1 for participants aged 70-79 years at Wave 9
291
      replace age_cat = 1 if indager >= 70 & indager <= 79</pre>
      * Assign the number 2 for participants aged 80+ years at Wave 9 and without missing age data
292
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
      st 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
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
303
      * 2: 80+ years
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
307
      gen limiting = 0 if heill == 2 | helim == 2
      * Assign the number 1 for participants with a limiting long-standing illness
308
      replace limiting = 1 if helim == 1
309
310
      * Coding of the final limiting long-standing illness variable:
311
      * 0: No long-standing illness or not limiting, 1: Limiting long-standing illness
312
313
      * Save dataset with a new name
314
      save data01LCA.dta
315
      * Time-constant education - Wave 9
316
      st Generate a new variable duplicating the education variable at Wave 9
317
318
      gen educa cons = educanew if wave==9
319
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
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
325
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
326
      bysort idauniq: carryforward educa_cons, replace
327
328
      * Time-constant occupational class - Wave 9
329
      * Generate a new variable duplicating the occupational class variable at Wave 9
      gen mynssec3 cons = mynssec3 if wave==9
330
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
331
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
      bysort idauniq: carryforward mynssec3_cons, replace
334
335
336
      * Time-constant wealth - Wave 9
337
      * Generate a new variable duplicating the wealth variable at Wave 9
      gen wealth cons = totwq5 bu s if wave==9
338
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
339
340
      tsset idauniq wave
341
      st Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
     Wave 1) by participant ID
342
      bysort idauniq: carryforward wealth_cons, replace
343
344
      * Time-constant biological sex - Wave 9
345
      st Generate a new variable duplicating the biological sex variable at Wave 9
346
      gen sex_cons = Sex if wave==9
347
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
348
     tsset idauniq wave
349
      st Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
     Wave 1) by participant ID
350
     bysort idaunig: 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
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
355
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)
      st Generate a new variable duplicating the limiting long-standing illness variable at Wave 9
361
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
      replace limiting cons = 0 if heill updated == 2 | helim updated == 2
368
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
373
      save data02LCA.dta
374
375
      * Time variable
      * Generate a new variable
376
377
      gen Time = .
```

```
* Assign the number 0 for observations at Wave 9
379
      replace Time = 0 if wave==9
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
      * Emails
      * Generate a new variable
387
388
      gen emails = .
389
      * 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 to sending/receiving emails
392
      replace emails = 0 if scinaem==0 & wave==9
393
394
      replace emails = 0 if CvIntC01==0 & wave==10
395
      * Calls
396
      * Generate a new variable
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
      * 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
      replace calls = 0 if CvIntC02==0 & wave==10
405
406
      * Health
407
      * Generate a new variable
408
      gen health = .
409
      * 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
412
      st Assign the number 0 if the participant reported not using the internet for finding information on
      health-related issues
      replace health = 0 if scinahe==0 & wave==9
413
      replace health = 0 if CvIntC03==0 & wave==10
414
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
419
      replace entertainment = 1 if (scinast==1 | scinagm==1) & wave==9
420
      * Assign the number 1 if the participant reported 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
421
      replace entertainment = 1 if CvIntC08==1 & wave==10
422
      * Assign the number 0 if the participant reported not 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
423
      replace entertainment = 0 if (scinast==0 & scinagm==0) & wave==9
      * Assign the number 0 if the participant reported not using the internet for streaming
424
      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
```

```
* 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
431
      replace news = 1 if CvIntC07==1 & wave==10
      st 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
      * Market
435
      * Generate a new variable
436
437
      gen market = .
438
      * Assign the number 1 if the participant reported using the internet for shopping/buying goods or
      replace market = 1 if scinash==1 & wave==9
439
      replace market = 1 if CvIntC05==1 & wave==10
440
441
      * Assign the number 0 if the participant reported not using the internet for shopping/buying goods
      or services
      replace market = 0 if scinash==0 & wave==9
442
      replace market = 0 if CvIntC05==0 & wave==10
443
      * Social networking
444
445
      * Generate a new variable
446
      gen socialnetworking = .
      * Assign the number 1 if the participant reported using the internet for using social networking
447
      sites (Facebook, Twitter, MySpace), or creating, uploading, or sharing content (YouTube, blogging,
      or Flickr) at Wave 9
      replace socialnetworking = 1 if (scinasn==1 | scinact==1) & wave==9
448
449
      * Assign the number 1 if the participant reported using the internet for using social networking
      sites at COVID Wave 1
450
      replace socialnetworking = 1 if CvIntC06==1 & wave==10
      * Assign the number 0 if the participant reported not using the internet for using social networking
451
      sites (Facebook, Twitter, MySpace), or creating, uploading, or sharing content (YouTube, blogging,
      or Flickr) at Wave 9
452
      replace socialnetworking = 0 if (scinasn==0 & scinact==0) & wave==9
      * Assign the number 1 if the participant reported using the internet for using social networking
453
      sites at COVID Wave 1
454
      replace socialnetworking = 0 if CvIntC06==0 & wave==10
455
      * Internet transactions
456
      * Generate a new variable
457
      gen internettransactions = .
      st Assign the number 1 if the participant reported using the internet for finances (banking, paying
458
      bills), or using public services (e.g., obtaining benefits, paying taxes) at Wave 9
      replace internettransactions = 1 if (scinabk==1 | scinaps==1) & wave==9
459
      st Assign the number 1 if the participant reported using the internet for managing finances at COVID
460
461
      replace internettransactions = 1 if CvIntC04==1 & wave==10
462
      st Assign the number 0 if the participant reported not using the internet for finances (banking,
      paying bills), or using public services (e.g., obtaining benefits, paying taxes) at Wave 9
463
      replace internettransactions = 0 if (scinabk==0 & scinaps==0) & wave==9
      st Assign the number 1 if the participant reported not using the internet for managing finances at
464
      COVID Wave 1
      replace internettransactions = 0 if CvIntC04==0 & wave==10
465
466
467
      * Count total number of participants and observations
468
      unique idauniq
469
      * 6,187 individuals, 12,374 observations
470
471
      * Dummy variables for conditional LCA and LTA models
472
      * Education
      * Medium education (i.e., school qualifications) (coded as 1) versus low (i.e., no formal
473
      qualifications) or high (i.e., higher education) education (coded as 0)
474
      gen mediumed = 0 if inlist(educa_cons,0,2)
475
      replace mediumed = 1 if educa cons == 1
```

```
* 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
480

    * Intermediate occupations (coded as 1) versus lower or higher occupations (coded as 0)

      gen mediumocc = 0 if inlist(mynssec3_cons,0,2)
481
482
      replace mediumocc = 1 if mynssec3 cons == 1
483
      * Higher occupations (coded as 1) versus lower or intermediate occupations (coded as 0)
484
      gen highocc = 0 if inlist(mynssec3 cons,0,1)
      replace highocc = 1 if mynssec3_cons == 2
485
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
      st Generate a new variable duplicating the categorical age variable at Wave 9
506
      gen indager_cons = indager if wave==9
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
507
508
      tsset idauniq wave
509
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      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
516
      ***DATA ANALYSIS***
      ******
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
      st Reshape data into wide format for observations identified by participant ID and add "Time" as an
523
      identifying time period
524
      reshape wide frequency Sex agecont age_cat emails calls health entertainment news market
      socialnetworking internettransactions, j(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
      rename internettransactions0 transa0
531
532
      rename Sex1 SexTV1
533
      rename entertainment1 enter1
534
      rename socialnetworking1 social1
```

```
rename internettransactions1 transa1
536
      * Save dataset with a new name
537
     save LCAwidenamescov.dta
538
539
     * Use data in memory
540
     use LCAwidenamescov.dta
541
     * Keep if the participant is male
542
      keep if sex_cons==0 | SexTV1==0
543
     * Save dataset with a new name
544
     save malewide2.dta
545
      * Count total number of participants
546
     unique idauniq
547
      * 2,694 individuals
     * 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
      * Keep if the participant is female
555
556
     keep if sex_cons==1 | SexTV1==1
      * 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
565
      * Import posterior probabilities of class membership following the unconditional 3-class LCA for
      male participants (pre-pandemic)
      import excel "", sheet("") firstrow
566
567
      * Save dataset with a new name
      save posteriormalec3t0.dta
568
569
      * Import posterior probabilities of class membership following the unconditional 3-class LCA for
      male participants (intra-pandemic)
570
      import excel "", sheet("") firstrow clear
571
      * Save dataset with a new name
572
      save posteriormalec3t1.dta
573
      * Use male participant dataset with core variables included in analyses
574
575
      use malewide2.dta
      * One-to-one merge of data in memory with posteriormalec3t0.dta on participant ID
576
      merge 1:1 idauniq using posteriormalec3t0.dta, generate (merge_posc3t0)
577
578
      * Sort from lowest to highest participant ID
579
      sort idauniq
580
      * One-to-one merge of data in memory with posteriormalec3t1.dta on participant ID
     merge 1:1 idauniq using posteriormalec3t1.dta, generate (merge_posc3t1)
581
      * Sort from lowest to highest participant ID
582
583
      sort idauniq
584
      * Drop unnecessary variables
      drop merge posc3t0 merge posc3t1
585
      * Save dataset with a new name
586
587
      save LCAmalecross.dta
588
589
      * Re-order classes
      gen classnew0 = .
590
591
      replace classnew0 = 1 if class0==3
      replace classnew0 = 2 if class0==2
592
593
      replace classnew0 = 3 if class0==1
594
      gen classnew1 = .
595
      replace classnew1 = 1 if class1==2
```

```
replace classnew1 = 2 if class1==3
597
      replace classnew1 = 3 if class1==1
598
      * 1: Low
599
      * 2: Medium
      * 3: High
600
601
      * Overwrite dataset, by replacing the previously saved file
602
      save LCAmalecross.dta, replace
603
604
      * Produce a two-way table of frequency counts (preliminary cross-classification tables)
      tabulate classnew0 classnew1
605
      tab classnew0 if classnew0!=. & classnew1!=.
606
607
      tab classnew1 if classnew0!=. & classnew1!=.
608
      * Use full dataset
609
      use datalongLCA.dta
610
      * Keep observations at baseline
611
      keep if wave==9
612
613
      * Save dataset with a new name
      save demographw9.dta
614
615
      st Descriptive statistics for the total male sample and stratified by class membership (pre-pandemic)
616
617
      * Use complete male participant dataset
      use LCAmalecross.dta
618
      * One-to-one merge of data in memory with demographw9.dta on participant ID
619
      merge 1:1 idauniq using demographw9.dta, generate (merge demograph)
620
      * Sort from lowest to highest participant ID
621
622
      sort idaunia
623
      * Keep data from the participants included in the unconditional LCA at pre-pandemic
624
      keep if classnew0!=.
625
      * Count total number of participants
626
      unique idauniq
      * 1,819 individuals
627
628
      replace dimarr = . if dimarr<0
629
      replace dimarr = 4 if dimarr==5
630
      replace dimarr = 5 if dimarr==6
631
      sum indager
632
      tab age_cat
633
      tab fqethnmr
634
     tab dimarr
635
     tab wpdes
636
      save maledescw9.dta
637
     tab hhtot
638
     tab edqual
639
     tab educa cons
640
     tab mynssec3_cons
641
      tab wealth cons
642
     tab frequency
643
     tab limiting
644
     tab limiting_cons
645
      sum indager cons if classnew0==1
646
      tab age_cat if classnew0==1
647
648
     tab fqethnmr if classnew0==1
649
      tab dimarr if classnew0==1
650
      tab wpdes if classnew0==1
651
      tab hhtot if classnew0==1
652
      tab educa_cons if classnew0==1
653
      tab mynssec3_cons if classnew0==1
654
      tab wealth cons if classnew0==1
      tab frequency if classnew0==1
655
656
      tab limiting if classnew0==1
657
      tab limiting_cons if classnew0==1
658
```

```
sum indager_cons if classnew0==2
660
      tab age cat if classnew0==2
      tab fqethnmr if classnew0==2
661
662
      tab dimarr if classnew0==2
663
      tab wpdes if classnew0==2
      tab hhtot if classnew0==2
664
665
      tab educa cons if classnew0==2
666
      tab mynssec3_cons if classnew0==2
667
      tab wealth cons if classnew0==2
668
      tab frequency if classnew0==2
      tab limiting if classnew0==2
669
670
      tab limiting_cons if classnew0==2
671
672
      sum indager_cons if classnew0==3
673
      tab age_cat if classnew0==3
674
      tab fqethnmr if classnew0==3
675
      tab dimarr if classnew0==3
676
      tab wpdes if classnew0==3
677
      tab hhtot if classnew0==3
678
      tab educa_cons if classnew0==3
679
      tab mynssec3_cons if classnew0==3
680
      tab wealth_cons if classnew0==3
681
      tab frequency if classnew0==3
682
      tab limiting if classnew0==3
683
      tab limiting_cons if classnew0==3
684
      use datalongLCA.dta
685
686
687
      * Time-constant marital status - Wave 9
688
      st Generate a new variable duplicating the marital status variable at Wave 9
      gen marital_cons = dimarr if wave==9
689
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
690
691
      tsset idauniq wave
692
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
693
      bysort idauniq: carryforward marital cons, replace
694
695
      * Time-constant ethnicity - Wave 9
696
      st Generate a new variable duplicating the ethnicity variable at Wave 9
      gen ethnicity_cons = fqethnmr if wave==9
697
      * Declare a panel dataset with participant ID "idauniq" and time variable "wave"
698
699
      tsset idauniq wave
700
      * Carryforward observations with respect to the time variable "wave" (i.e., from Wave 9 to COVID
      Wave 1) by participant ID
      bysort idauniq: carryforward ethnicity_cons, replace
701
702
703
      save datalongLCA.dta, replace
704
705
      * Use full dataset
706
      use datalongLCA.dta
707
      * Keep observations at follow-up
708
      keep if wave==10
709
      * Save dataset with a new name
710
      save demographcw1.dta
711
712
      * Descriptive statistics for the total male sample and stratified by class membership (intra-pandemic)
713
      * Use complete male participant dataset
714
      use LCAmalecross.dta
715
      * One-to-one merge of data in memory with demographcw1.dta on participant ID
716
      merge 1:1 idauniq using demographcw1.dta, generate (merge_demograph)
717
      * Sort from lowest to highest participant ID
718
      sort idauniq
719
      * Keep data from the participants included in the unconditional LCA at intra-pandemic
```

```
720
      keep if classnew1!=.
721
      * Count total number of participants
722
      unique idauniq
723
      * 1,750 individuals
      sum Age_Arch
724
725
      tab age_cat
726
      tab Ethnicity arch
727
      tab RelStat
728
      tab marital cons
729
      replace marital_cons = . if marital_cons<0</pre>
730
      tab RelStat if marital cons==.
731
      gen relcw1 = marital_cons
732
      replace relcw1 = 1 if RelStat == 8 & marital_cons==.
      replace relcw1 = 2 if inlist(RelStat,1,3,4) & marital_cons==.
733
      replace relcw1 = 4 if inlist(RelStat,5,6) & marital_cons==.
734
      replace relcw1 = 4 if marital cons==5
735
736
      replace relcw1 = 5 if marital cons==6
737
      replace relcw1 = 5 if RelStat == 7 & marital_cons==.
738
      tab CvPstd
739
      save maledescw10.dta
740
      tab CvNumP
741
      tab educa_cons
742
      tab mynssec3_cons
743
      tab wealth_cons
744
      tab frequency
745
      tab limiting_cons
746
747
      sum Age_Arch if classnew1==1
748
      tab age cat if classnew1==1
749
      tab Ethnicity_arch if classnew1==1
750
      tab relcw1 if classnew1==1
      tab CvPstd if classnew1==1
751
752
      tab CvNumP if classnew1==1
753
      tab educa cons if classnew1==1
754
      tab mynssec3_cons if classnew1==1
755
      tab wealth cons if classnew1==1
756
      tab frequency if classnew1==1
757
      tab limiting_cons if classnew1==1
758
759
      sum Age_Arch if classnew1==2
760
      tab age_cat if classnew1==2
761
      tab Ethnicity_arch if classnew1==2
762
      tab relcw1 if classnew1==2
763
      tab CvPstd if classnew1==2
      tab CvNumP if classnew1==2
764
765
      tab educa cons if classnew1==2
766
      tab mynssec3_cons if classnew1==2
767
      tab wealth_cons if classnew1==2
768
      tab frequency if classnew1==2
769
      tab limiting_cons if classnew1==2
770
771
      sum Age Arch if classnew1==3
772
      tab age_cat if classnew1==3
773
      tab Ethnicity arch if classnew1==3
774
      tab relcw1 if classnew1==3
775
      tab CvPstd if classnew1==3
776
      tab CvNumP if classnew1==3
777
      tab educa_cons if classnew1==3
778
      tab mynssec3 cons if classnew1==3
779
      tab wealth_cons if classnew1==3
780
      tab frequency if classnew1==3
781
      tab limiting_cons if classnew1==3
782
```

```
* Import posterior probabilities of class membership following the unconditional 3-class LCA for
      female participants (pre-pandemic)
784
      import excel "", sheet("") firstrow clear
785
      * Save dataset with a new name
786
      save posteriorfemalec3t0.dta
787
      * Import posterior probabilities of class membership following the unconditional 2-class LCA for
      female participants (intra-pandemic)
      import excel "", sheet("") firstrow clear
788
789
      * Save dataset with a new name
      save posteriorfemalec2t1.dta
790
791
792
      * Use female participant dataset with core variables included in analyses
793
      use femalewide2.dta
794
      * One-to-one merge of data in memory with posteriorfemalec3t0.dta on participant ID
795
      merge 1:1 idauniq using posteriorfemalec3t0.dta, generate (merge posc3t0)
796
      * Sort from lowest to highest participant ID
797
      sort idaunia
798
      * One-to-one merge of data in memory with posteriorfemalec3t1.dta on participant ID
      merge 1:1 idauniq using posteriorfemalec2t1.dta, generate (merge posc2t1)
799
      * Sort from lowest to highest participant ID
800
801
      sort idauniq
802
      * Drop unnecessary variables
      drop merge posc3t0 merge posc2t1
803
      * Save dataset with a new name
804
      save LCAfemalecross.dta
805
806
807
      * Re-order classes
808
      gen classnew0 = .
809
      replace classnew0 = 1 if class0==2
810
      replace classnew0 = 2 if class0==3
      replace classnew0 = 3 if class0==1
811
      gen classnew1 = .
812
813
      replace classnew1 = 1 if class1==2
814
      replace classnew1 = 2 if class1==1
      * 1: Low
815
      * 2: Medium
816
817
      * 3: High
818
      * Overwrite dataset, by replacing the previously saved file
819
      save LCAfemalecross.dta, replace
820
      * Produce a two-way table of frequency counts (preliminary cross-classification tables)
821
822
      tabulate classnew0 classnew1
      tab classnew0 if classnew0!=. & classnew1!=.
823
824
      tab classnew1 if classnew0!=. & classnew1!=.
825
826
      * Descriptive statistics for the total female sample and stratified by class membership (pre-pandemic)
827
      * Use complete female participant dataset
828
      use LCAfemalecross.dta
829
      * One-to-one merge of data in memory with demographw9.dta on participant ID
      merge 1:1 idauniq using demographw9.dta, generate (merge demograph)
830
831
      * Sort from lowest to highest participant ID
832
      sort idaunia
      * Keep data from the participants included in the unconditional LCA at pre-pandemic
833
      keep if classnew0!=.
834
      * Count total number of participants
835
836
      unique idauniq
837
      * 2,235 individuals
      replace dimarr = . if dimarr<0</pre>
838
839
      replace dimarr = 4 if dimarr==5
      replace dimarr = 5 if dimarr==6
840
841
      sum indager
842
      tab age_cat
```

843

tab fqethnmr

```
844
      tab dimarr
845
      tab wpdes
846
      save femaledescw9.dta
847
      tab hhtot
848
     tab edqual
849
      tab educa_cons
850
      tab mynssec3 cons
851
      tab wealth_cons
852
      tab frequency
853
      tab limiting
854
      tab limiting_cons
855
856
      sum indager_cons if classnew0==1
      tab age_cat if classnew0==1
857
      tab fqethnmr if classnew0==1
858
      tab dimarr if classnew0==1
859
      tab wpdes if classnew0==1
860
861
      tab hhtot if classnew0==1
      tab educa cons if classnew0==1
862
      tab mynssec3_cons if classnew0==1
863
      tab wealth_cons if classnew0==1
864
865
      tab frequency if classnew0==1
      tab limiting if classnew0==1
866
867
      tab limiting_cons if classnew0==1
868
869
      sum indager cons if classnew0==2
870
      tab age cat if classnew0==2
871
      tab fqethnmr if classnew0==2
872
      tab dimarr if classnew0==2
873
      tab wpdes if classnew0==2
      tab hhtot if classnew0==2
874
      tab educa_cons if classnew0==2
875
      tab mynssec3 cons if classnew0==2
876
877
      tab wealth cons if classnew0==2
878
      tab frequency if classnew0==2
879
      tab limiting if classnew0==2
880
      tab limiting_cons if classnew0==2
881
882
      sum indager cons if classnew0==3
      tab age_cat if classnew0==3
883
      tab fqethnmr if classnew0==3
884
      tab dimarr if classnew0==3
885
      tab wpdes if classnew0==3
886
887
      tab hhtot if classnew0==3
      tab educa_cons if classnew0==3
888
889
      tab mynssec3 cons if classnew0==3
890
      tab wealth_cons if classnew0==3
891
      tab frequency if classnew0==3
892
      tab limiting if classnew0==3
893
      tab limiting cons if classnew0==3
894
895
      * Descriptive statistics for the total female sample and stratified by class membership
      (intra-pandemic)
896
      * Use complete female participant dataset
897
      use LCAfemalecross.dta
898
      * One-to-one merge of data in memory with demographcw1.dta on participant ID
899
      merge 1:1 idauniq using demographcw1.dta, generate (merge_demograph)
      * Sort from lowest to highest participant ID
900
901
      sort idauniq
      st Keep data from the participants included in the unconditional LCA at intra-pandemic
902
903
      keep if classnew1!=.
904
      * Count total number of participants
905
      unique idauniq
```

```
906
      * 2,158 individuals
907
      sum Age Arch
908
      tab age_cat
909
      tab Ethnicity_arch
910
     tab RelStat
911
      tab marital_cons
912
      replace marital cons = . if marital cons<0
913
      tab RelStat if marital_cons==.
914
      gen relcw1 = marital cons
915
      replace relcw1 = 1 if RelStat == 8 & marital cons==.
916
      replace relcw1 = 2 if inlist(RelStat,1,2,3,4) & marital_cons==.
917
      replace relcw1 = 4 if inlist(RelStat,5,6) & marital_cons==.
918
      replace relcw1 = 4 if marital_cons==5
      replace relcw1 = 5 if marital_cons==6
919
920
      replace relcw1 = 5 if RelStat == 7 & marital cons==.
921
      tab CvPstd
922
      save femaledescw10.dta
923
     tab CvNumP
924
     tab educa cons
925
     tab mynssec3_cons
926
      tab wealth_cons
927
     tab frequency
928
     tab limiting_cons
929
930
      sum Age Arch if classnew1==1
      tab age_cat if classnew1==1
931
932
      tab Ethnicity_arch if classnew1==1
933
     tab relcw1 if classnew1==1
934
     tab CvPstd if classnew1==1
935
     tab CvNumP if classnew1==1
936
      tab educa_cons if classnew1==1
937
      tab mynssec3 cons if classnew1==1
938
      tab wealth_cons if classnew1==1
939
      tab frequency if classnew1==1
940
      tab limiting_cons if classnew1==1
941
942
      sum Age_Arch if classnew1==2
943
      tab age_cat if classnew1==2
944
      tab Ethnicity_arch if classnew1==2
945
      tab relcw1 if classnew1==2
     tab CvPstd if classnew1==2
946
     tab CvNumP if classnew1==2
947
948
     tab educa cons if classnew1==2
949
      tab mynssec3 cons if classnew1==2
950
      tab wealth_cons if classnew1==2
951
      tab frequency if classnew1==2
```

952

tab limiting_cons if classnew1==2