```
1
 2
     SERIES CODING SAMPLE
 3
 4
     import excel "C:\Users\Admin\Desktop\RAE FINAL.xlsx", sheet("Sheet1") firstrow
 5
      gen year2=quarterly(Year, "YQ")
6
     tsset year2, quarterly
7
     format year2 %tq
8
     lab var rgdp "Real GDP"
     lab var tb " Trade Balance % of GDP"
9
10
     lab var npi " Net Primary Income % of GDP"
     lab var CAD " Theoretical Current Account % of GDP"
11
12
     lab var ACA " Actual Current Account % of GDP"
     lab var BANKRATE " Bank of England bank rate"
13
     lab var CAD " Current Account Deficit % of GDP"
14
     lab var TBILL " Three Month Treasury bill rate"
     lab var TEN_YR " Ten year government bond rate"
16
     lab var NEER " Nominal effective exchange rate"
17
     lab var REER" Real effective exchange rate"
18
     lab var LRGDP " Log of real gdp"
19
     lab var FB " Fiscal Balance % of GDP"
20
     lab var FD " Fiscal Deficit % of GDP"
21
     gen RBINT= BANKRATE- INFLATION
23
     lab var RBINT "Real Bank Rate"
24
     gen RTEN_YR= TEN_YR- INFLATION
     lab var RTEN_YR "Real Bond Rate"
25
26
     gen rgdpgr= d.LRGDP*100
27
     lab var rgdpgr "growth rate of real gdp"
     gen lREER= ln(REER)
28
29
     gen reergr= d.lREER*100
     lab var reergr "growth rate of REER"
30
     gen dRBINT= d.RBINT
31
     gen dRTEN_YR= d.RTEN_YR
32
33
     gen dFD=d.FD
34
     gen dCAD=d.CAD
35
36
     *To install the kpss and gregory hansen test*
37
     ssc install kpss
38
     ssc install ghansen
39
40
     *after exporting test results some minor adjustments were made in the table layouts in latex,
     some results were exported manually where a stata command did not exist*
41
     *ADF TESTS*
42
     ac CAD
43
44
     pac CAD
     line CAD year2
45
46
     dfuller CAD, reg lags(4)
47
     dfuller CAD, reg lags(3)
48
     dfuller CAD, reg lags(2)
49
     * significant two, stationary at 10% p-value 0.07*
50
     kpss CAD, notrend qs auto
51
52
     line FD year2
53
     ac FD
54
55
     dfuller FD, reg lags(4)
56
     dfuller FD, reg lags(3)
57
     dfuller FD, reg lags(2)
58
     *sig, ns*
59
      kpss FD, notrend qs auto
60
     line LRGDP year2
61
62
     ac LRGDP
63
     pac LRGDP
64
     *sig ns*
65
     dfuller LRGDP, trend reg lags(4)
66
     dfuller LRGDP, trend reg lags(3)
```

```
67
      dfuller LRGDP, trend reg lags(2)
 68
      dfuller LRGDP, trend reg lags(1)
 69
      kpss LRGDP, qs auto
 70
 71
 72
      line RBINT year2
 73
      ac RBINT
 74
      pac RBINT
 75
      dfuller RBINT, reg lags(4)
 76
      dfuller RBINT, reg lags(3)
 77
      dfuller RBINT, reg lags (2)
 78
      *sig, ns*
 79
 80
      kpss RBINT, notrend qs auto
 81
 82
      line RTEN YR year2
 83
      ac RTEN YR
 84
      pac RTEN YR
 85
      dfuller RTEN_YR, reg lags(4)
      dfuller RTEN_YR, reg lags(3)
 86
      dfuller RTEN_YR, reg lags (2)
 87
 88
      *sig, ns*
      kpss RTEN_YR, notrend qs auto
 89
 90
 91
      line REER year2
 92
      ac REER
 93
      pac REER
 94
      dfuller REER, reg lags(4)
 95
      dfuller REER, reg lags(3)
 96
      dfuller REER, reg lags(2)
 97
      dfuller REER, reg lags(1)
 98
      kpss REER, notrend qs auto
 99
      line REER year2
100
101
      ac ACA
102
      pac ca
103
      dfuller ACA, reg lags(4)
104
      dfuller ACA, reg lags(3)
105
      dfuller ACA, reg lags(2)
106
      kpss ACA, notrend qs auto
107
108
109
110
      est clear
      tabstat CAD FD REER RBINT RTEN YR LRGDP, statistics( mean sd median skewness kurtosis N) columns(
111
      statistics)
      estpost tabstat CAD FD REER RBINT RTEN YR LRGDP, statistics( mean sd median skewness kurtosis N)
112
      columns(statistics)
      esttab, replace cells("mean(fmt(%13.2fc)) sd(fmt(%13.2fc)) p50(fmt(%13.2fc))
113
      skewness(fmt(\%13.2fc)) \ kurtosis(fmt(\%13.2fc)) \ count(fmt(\%13.0fc))") \ nonumber \ nomtitle \ nonote \ noobs \ booktabs \ f \ label \ collabels \ ("Mean" "SD" "Median" "Skewness" "Kurtosis" "N") \ coeflabels \ (CAD)
      "Current Account" FD "Fiscal Deficit" REER "Real Exchange Rate" RBINT "Real Bank Rate" RTEN_YR
      "Real Bond Rate" LRGDP "Log Real GDP")
      esttab using summary.tex, replace cells(" mean(fmt(%13.2fc)) sd(fmt(%13.2fc)) p50(fmt(%13.2fc))
114
      skewness kurtosis count(fmt(%13.0fc))") nonumber nomtitle nonote noobs label collabels("Mean" "SD"
       "Median" "Skewness" "Kurtosis" "N") coeflabels(CAD "Current Account deficit" FD "Fiscal Deficit"
      REER "Real Exchange Rate" RBINT "Real Bank Rate" RTEN_YR "Real Bond Rate" LRGDP "Log Real GDP")
115
116
117
118
      *suggests AIC-2 BIC-1*
119
      varsoc LRGDP FD RBINT REER CAD
120
      varsoc LRGDP FD RTEN YR REER CAD
121
      *RBINT specification*
122
      *serial correlation at one lag*
123
      var LRGDP FD RBINT REER CAD, lags(1)
124
      varlmar, mlag(4)
125
      varstable
```

```
126
127
      var LRGDP FD RBINT REER CAD, lags(1/2)
      varlmar, mlag(4)
128
129
      varstable
130
131
132
      *RTEN_YR specification*
133
      var LRGDP FD RTEN_YR REER CAD, lags(1)
134
      *first order serial correlation*
135
      varlmar, mlag(4)
136
      varstable
137
138
139
      *serial correlation at one lag*
140
      var LRGDP FD RTEN YR REER CAD, lags(1/2)
141
      varlmar, mlag(4)
142
      varstable
143
144
      var LRGDP FD RTEN_YR REER CAD, lags(1/3)
145
      varlmar, mlag(4)
146
      varstable
147
148
      *nominals specification*
149
150
      *BANKRATF*
151
      *First and Second Order Serial Correlation*
152
      var LRGDP FD BANKRATE NEER CAD, lags(1)
153
      varlmar, mlag(4)
154
155
      var LRGDP FD BANKRATE NEER CAD, lags(1/2)
156
      varlmar, mlag(4)
157
      *TEN_YR*
158
159
      *first and second order serial correlation*
160
      var LRGDP FD TEN_YR NEER CAD, lags(1)
161
      varlmar, mlag(4)
162
163
      var LRGDP FD TEN_YR NEER CAD, lags(1/2)
164
      varlmar, mlag(4)
165
166
       *Johansen*
167
      *Reals*
168
169
      *RBINT*
170
      *one cointegrating vector*
      vecrank LRGDP FD RBINT REER CAD, lags(2) trend(constant)
171
172
      *RTEN_YR*
173
      *one*
174
      vecrank LRGDP FD RTEN YR REER CAD, lags(3) trend(constant)
175
176
      *nominals*
177
      *BANKRATE*
178
      *one*
      vecrank LRGDP FD BANKRATE NEER CAD, lags(2) trend(constant)
179
180
181
      *TEN_YR*
182
      *one*
183
      vecrank LRGDP FD TEN_YR NEER CAD, lags(2) trend(constant)
184
185
186
      *For VECMs the Long run estimates were added manually as esttab could'nt export them*
187
      *VECMs*
188
      constraint define 1 CAD=1
      constraint define 2 FD=-1
189
      constraint define 3 [D_FD]L._ce1=0
190
191
      constraint define 4 [D_CAD]L._ce1=0
192
      constraint define 5 [D_REER]L._ce1=0
193
      constraint define 6 [D_RBINT]L._ce1=0
```

```
constraint define 7 [D_NEER]L._ce1=0
194
195
      constraint define 8 [D BANKRATE]L. ce1=0
196
      constraint define 9 [D_LRGDP]L._ce1=0
197
      constraint define 10 LRGDP=0
198
      constraint define 11 RTEN YR=0
      constraint define 12 RBINT=0
199
200
      constraint define 13 REER=0
201
      constraint define 14 CAD=0
202
      constraint define 15 FD=0
203
      constraint define 16 FD=1
204
      constraint define 17 TCA=1
      constraint define 18 NEER=0
205
206
207
208
209
      est clear
210
      *RBINT*
211
      eststo: vec LRGDP FD RBINT REER CAD, trend(constant) bconstraints(1) lags(2)
212
      *first order serial correlation*
213
      veclmar, mlag(4)
214
      mat A= r(lm)
      mat colnames A = "Lags" "chi2" "df" "P-value"
215
216
      esttab mat(A, fmt(0 2 0 4)), nomtitles
217
218
      outtable using veclmarrint2.tex, mat(A) center f(%9.0f %9.2f %9.0f %9.4f )
219
220
      eststo: vec LRGDP FD RBINT REER CAD, trend(constant) bconstraints(1) lags(3)
221
      *no first order serial correlation, but FD no longer significant *
222
      veclmar, mlag(4)
223
      vecstable, graph
224
225
226
      *reject an overidentifying restrictions test with p value 0.036*
      eststo:vec LRGDP FD RBINT REER CAD, trend(constant) bconstraints(1 2)
227
                                                                                lags(3)
      *no first order serial correlation, but FD no longer significant *
228
229
      veclmar, mlag(4)
230
      vecstable, graph
231
232
      *Testing for zero restriction on RBINT, can only be marginally rejected- pvalue 0.055*
233
      vec LRGDP FD RBINT REER CAD, trend(constant) bconstraints(1 12)
                                                                         lags(3)
234
      vecstable, graph
      esttab est1 est2 est3 using rintvecm.tex, se(%9.3f) b(%9.3f) star(* 0.10 ** 0.05 *** 0.01) noobs
235
       k(L. ce1) mtitles("Model A" "Model A(i)" "Model A(ii)")
236
237
238
      *RTEN YR*
239
      * 1:-0.42, CAD and REER not adjusting*
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1) lags(3)
240
241
      *no serial correlation *
242
      veclmar, mlag(4)
243
244
      vecstable, graph
245
246
      stcannot reject the test of overidentifyign restrictions that FD and CAD move 1 to 1 but the vecm
      does not converge suggesting the model does not fit the data well*
247
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1 16) lags(3)
248
      *no serial correlation *
249
      veclmar, mlag(4)
250
      vecstable, graph
251
252
      *cannot reject the null that FD seems to be driving the system at the 5% level with a pvalue of
      0.06 but the FD becomes insignificant in the long run equation*
253
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1) aconstraints(3) lags(3)
254
      *no serial correlation *
255
      veclmar, mlag(4)
256
      vecstable, graph
257
```

258

```
259
      * we do not reject the null that CAD seems to be driving the system, the long run relation ship
      is 1:-0.36, however REER still not adjusting*
260
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1) aconstraints(4) lags(3)
261
      *no serial correlation *
      veclmar, mlag(4)
262
263
     vecstable, graph
264
265
266
       *we do not reject the null that REER seems to be driving the system, the long run relation ship
      is 1:-0.414, however CAD still not adjusting*
267
268
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1) aconstraints(5) lags(3)
269
      *no serial correlation *
270
      veclmar, mlag(4)
271
      vecstable, graph
272
      *cannot reject the overidentfying restricitons that REER and CAD seem to be driving the system*
273
274
      eststo:vec LRGDP FD RTEN_YR REER CAD, trend(constant) bconstraints(1) aconstraints(5 4) lags(3)
275
      *no serial correlation *
276
      veclmar, mlag(4)
277
      vecstable, graph
278
      predict res, resid
279
      tsline res
280
281
282
      esttab est4 est5 est6 est7 est8 est9 using rten_yrvecmx.tex, se(%9.3f) b(%9.3f) star(* 0.10 **
      0.05 *** 0.01) noobs k(L._ce1) mtitles("Model B(i)" "Model B(ii)" "Model B(iii) " "Model B(iv) "
      "Model B(v) " "Model B(vi) ")
283
284
285
286
      *nominals*
287
      *Bank rate*
288
      eststo:vec LRGDP FD BANKRATE NEER CAD, trend(constant) bconstraints(1) lags(2)
289
290
      veclmar, mlag(4)
291
     vecstable, graph
292
293
294
     *TEN_YR*
      vec LRGDP FD TEN_YR NEER CAD, lags(2) trend(constant) bconstraints(1)
295
296
      *first order serial corr at 5%*
297
      veclmar, mlag(4)
298
      vecstable, graph
299
      *1:0.2, only sig at 10%, CAD NEER non adjusting*
300
301
      eststo:vec LRGDP FD TEN YR NEER CAD, lags(3) trend(constant) bconstraints(1)
302
      veclmar, mlag(4)
303
      vecstable, graph
304
305
      stcannot reject the test of overidentifyign restrictions that FD and CAD diverge 1 to 1 at 10%
      level but the vecm does not converge suggesting the model does not fit the data well*
306
      vec LRGDP FD TEN_YR NEER CAD, lags(3) trend(constant) bconstraints(1 16)
307
      veclmar, mlag(4)
308
      vecstable, graph
309
310
      *cannot reject the null that FD drives the system at the 10% level, but the long run coefficient
      on FD is no longer significant*
311
      eststo: vec LRGDP FD TEN_YR NEER CAD, lags(3) trend(constant) bconstraints(1) aconstraints(3)
312
      veclmar, mlag(4)
313
      vecstable, graph
314
315
      *cannot reject null that CAD drives the system, NEER still not adjusting and at 10%, 1:-0.2*
      eststo:vec LRGDP FD TEN_YR NEER CAD, lags(3) trend(constant) bconstraints(1) aconstraints(4)
316
317
      veclmar, mlag(4)
318
     vecstable, graph
319
320
      *cannot reject that NEER drives the system, but FD and NEER no longer signifcant in the long run
```

```
equation*
321
      eststo:vec LRGDP FD TEN YR NEER CAD, lags(3) trend(constant) bconstraints(1) aconstraints(7)
322
      veclmar, mlag(4)
323
      vecstable, graph
324
325
      *same result as above*
326
      vec LRGDP FD TEN_YR NEER CAD, lags(3) trend(constant) bconstraints(1) aconstraints(47)
327
      veclmar, mlag(4)
328
     vecstable, graph
329
330
      esttab est10 est11 est12 est13 est14 using ten_yrvecmx.tex, se(%9.3f) b(%9.3f) star(* 0.10 **
      0.05 *** 0.01) noobs k(L._ce1) mtitles("Model A" "Model B(i)" "Model B(iii) " "Model B(iv) "
      "Model B(v) ")
331
332
333
      *IRFS*
334
335
      * Cholseski Decomposition*
      matrix A0=(.,0,0,0,0 \.,.,0,0,0 \.,.,,0,0 \.,.,,0,0 \.,.,.,0)
336
337
      matrix B0= (1,0,0,0,0 \ 0,1,0,0,0 \0,0,1,0,0 \0,0,0,1,0 \0,0,0,0,1)
338
339
      var LRGDP FD RTEN_YR REER CAD, lags(1/3)
340
      irf set raefinal
341
      irf create modelB, step(40)
342
      irf table oirf, irf(modelB) impulse(FD CAD) response(FD CAD REER RTEN_YR)
343
      irf graph oirf, irf(modelB) impulse(FD) response(CAD FD REER RTEN_YR)
344
      irf graph oirf, irf(modelB) impulse(CAD) response(CAD FD REER RTEN_YR)
345
346
     vec LRGDP FD RTEN YR REER CAD, trend(constant) bconstraints(1) aconstraints(5 4) lags(3)
347
348
      irf create modelbvi, step(40)
      irf table oirf, irf(modelbvi) impulse(CAD) response(FD CAD REER RTEN YR)
349
      irf graph oirf, irf(modelbvi) impulse(CAD) response(FD CAD REER RTEN_YR)
350
351
352
353
      *Toda and Yamamoto test*
354
      var LRGDP FD RTEN_YR REER CAD, lags(1/3) exo(14.LRGDP 14.FD 14.RTEN_YR 14.REER 14.CAD)
355
      vargranger
356
357
      *Testing for zero restriction on RBINT, can only be marginally rejected- pvalue 0.055*
358
      eststo: vec LRGDP FD RBINT REER CAD, trend(constant) bconstraints(1 12)
      esttab est15 using zero.tex, se(%9.3f) b(%9.3f) star(* 0.10 ** 0.05 *** 0.01) noobs k(L._ce1)
359
      mtitles("Model A(Zero Restriction)")
360
361
362
      *Gregory Hansen Cointegration test*
363
      ghansen LRGDP FD RTEN_YR REER CAD, break(regime) lagmethod(bic)
364
365
      *Exporting ADF results*
366
367
     mat stats= J(6,6,.)
     dfuller CAD, reg lags(2)
368
369
     mat stats[1,1]= r(Zt)
370
     mat stats[1,2]= r(cv_1)
371
     mat stats[1,3]= r(cv_5)
372
     mat stats[1,4]= r(cv_10)
373
     mat stats[1,5] = r(p)
374
     mat stats[1,6]= r(lags)
375
     dfuller FD, reg lags(2)
376
     mat stats[2,1]= r(Zt)
377
     mat stats[2,2]= r(cv_1)
378
     mat stats[2,3]= r(cv 5)
379
     mat stats[2,4]= r(cv_10)
380
     mat stats[2,5] = r(p)
381
     mat stats[2,6]= r(lags)
382
     dfuller LRGDP, trend reg lags(1)
383
     mat stats[3,1]= r(Zt)
384
     mat stats[3,2]= r(cv_1)
```

```
385
      mat stats[3,3]= r(cv 5)
386
      mat stats[3,4]= r(cv 10)
387
      mat stats[3,5]= r(p)
388
      mat stats[3,6]= r(lags)
      dfuller RBINT, reg lags (2)
389
390
      mat stats[4,1]= r(Zt)
391
      mat stats[4,2]= r(cv_1)
392
      mat stats[4,3]= r(cv_5)
393
      mat stats[4,4]= r(cv_10)
394
      mat stats[4,5]= r(p)
395
      mat stats[4,6]= r(lags)
396
      dfuller RTEN_YR, reg lags (2)
397
      mat stats[5,1]= r(Zt)
398
      mat stats[5,2]= r(cv_1)
399
      mat stats[5,3]= r(cv 5)
400
      mat stats[5,4]= r(cv_10)
401
      mat stats[5,5] = r(p)
      mat stats[5,6]= r(lags)
402
403
      dfuller REER, reg lags(1)
404
      mat stats[6,1]= r(Zt)
405
      mat stats[6,2]= r(cv_1)
406
      mat stats[6,3]= r(cv_5)
      mat stats[6,4]= r(cv_10)
407
      mat stats[6,5] = r(p)
408
409
      mat stats[6,6]= r(lags)
410
      mat rownames stats= "CA" "FD" "LRGDP" "RBINT" "RTEN_YR" "REER"
411
412
      mat colnames stats= "Z" "CV-1%" "CV-5%" "CV-10%" "P-value" "Lags"
413
414
      esttab matrix(stats, fmt(2 2 2 2 2 0)), nomtitle
415
416
417
      outtable using adfstats.tex, replace mat(stats) center f(%9.2f %9.2f %9.2f %9.2f %9.2f %9.2f %9.0f )
418
419
420
421
422
      * Exporting veclmar results*
423
      veclmar, mlag(4) estimates(est2)
424
      mat Ai= r(lm)
      mat colnames Ai = "Lags" "chi2" "df" "P-value"
425
426
      esttab mat(Ai, fmt(0 2 0 4)), nomtitles
427
      outtable using Ai, mat(Ai) center f(%9.0f %9.2f %9.0f %9.4f )
428
429
      veclmar, mlag(4) estimates(est3)
430
      mat Aii= r(lm)
      mat colnames Ai = "Lags" "chi2" "df" "P-value"
431
432
      esttab mat(Aii, fmt(0 2 0 4)), nomtitles
      outtable using Aii, mat(Aii) center f(%9.0f %9.2f %9.0f %9.4f)
433
434
435
      veclmar, mlag(4) estimates(est4)
436
      mat Bi= r(lm)
      mat colnames Bi = "Lags" "chi2" "df" "P-value"
437
      esttab mat(Bi, fmt(0 2 0 4)),nomtitles
438
      outtable using Bi, mat(Bi) center f(%9.0f %9.2f %9.0f %9.4f )
439
440
441
      veclmar, mlag(4) estimates(est5)
442
      mat Bii= r(lm)
443
      mat colnames Bii = "Lags" "chi2" "df" "P-value"
444
      esttab mat(Bii, fmt(0 2 0 4)), nomtitles
445
      outtable using Bii, mat(Bii) center f(%9.0f %9.2f %9.0f %9.4f )
446
447
      veclmar, mlag(4) estimates(est6)
448
      mat Biii= r(lm)
      mat colnames Biii = "Lags" "chi2" "df" "P-value"
449
450
      esttab mat(Biii, fmt(0 2 0 4)), nomtitles
451
      outtable using Biii, mat(Biii) center f(%9.0f %9.2f %9.0f %9.4f )
452
```

```
453
      veclmar, mlag(4) estimates(est7)
454
      mat Biv= r(lm)
     mat colnames Biv = "Lags" "chi2" "df" "P-value"
455
456
      esttab mat(Biv, fmt(0 2 0 4)), nomtitles
      outtable using Biv, mat(Biv) center f(%9.0f %9.2f %9.0f %9.4f)
457
458
459
      veclmar, mlag(4) estimates(est8)
460
      mat Bv = r(lm)
461
      mat colnames Bv = "Lags" "chi2" "df" "P-value"
      esttab mat(Bv, fmt(0 2 0 4)), nomtitles
462
463
     outtable using Bv, mat(Bv) center f(%9.0f %9.2f %9.0f %9.4f)
464
465
     veclmar, mlag(4) estimates(est9)
466
     mat Bvi= r(lm)
     mat colnames Bvi = "Lags" "chi2" "df" "P-value"
467
468
      esttab mat(Bvi, fmt(0 2 0 4)), nomtitles
469
      outtable using Bvi, mat(Bvi) center f(%9.0f %9.2f %9.0f %9.4f)
470
471
472
      veclmar, mlag(4) estimates(est10)
473
      mat a= r(lm)
      mat colnames a = "Lags" "chi2" "df" "P-value"
474
475
      esttab mat(a, fmt(0 2 0 4)), nomtitles
      outtable using a, mat(a) center f(%9.0f %9.2f %9.0f %9.4f )
476
477
478
     veclmar, mlag(4) estimates(est11)
479
      mat bi= r(lm)
      mat colnames bi = "Lags" "chi2" "df" "P-value"
480
481
      esttab mat(bi, fmt(0 2 0 4)), nomtitles
      outtable using ba, mat(bi) center f(%9.0f %9.2f %9.0f %9.4f )
482
483
484
      veclmar, mlag(4) estimates(est12)
485
      mat biii= r(lm)
      mat colnames biii = "Lags" "chi2" "df" "P-value"
486
      esttab mat(biii, fmt(0 2 0 4)), nomtitles
487
488
      outtable using bc, mat(biii) center f(%9.0f %9.2f %9.0f %9.4f)
489
490
     veclmar, mlag(4) estimates(est13)
491
     mat biv= r(lm)
     mat colnames biv = "Lags" "chi2" "df" "P-value"
492
      esttab mat(biv, fmt(0 2 0 4)), nomtitles
493
      outtable using bd, mat(biv) center f(%9.0f %9.2f %9.0f %9.4f)
494
495
496
497
      veclmar, mlag(4) estimates(est14)
498
      mat bv= r(lm)
      mat colnames bv = "Lags" "chi2" "df" "P-value"
499
500
      esttab mat(bv, fmt(0 2 0 4)), nomtitles
      outtable using be, mat(bv) center f(%9.0f %9.2f %9.0f %9.4f)
501
502
```

503