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name: <unnamed>
log: /Users/nicholasweller/Dropbox/Weller Files/BarLer/Replication
Material/Chapter 5/Chaper5Replication.log
log type: text
opened on: 5 Jun 2014, 14:33:14

. do "/var/folders/4n/wbtb72n94cq927g29j3jksdm0000gn/T//SD21214.000000"

. **Use Simmons and Elkins Libcap.dta dataset for investigation of causal mechanisms
.
. **To generate the Expected Relationship we begin with the relevant regressions
.
. ** As described in the text we use a framework where we use Logit instead of Survival
Analysis
.
. **first need to make splines -- using mkspline to make 4 cubic splines
.
. mkspline YearSpline = year, cubic nknots(4)
.
.
. **Then, need to estimate models.
. **Reduced Model without variable for Policies of Capital Competitors
. logit cap mnlbcap tclbcap hglbcap tplbcap btlbcap ptlbcap rllbcap cllbcap lglbcap
cagdp2 chgdp gdppcap usint crisis openness democ
> execnat cbi comlaw imfcred odapcap bdlbcap nblbcap mer cur YearSpline1 YearSpline2
YearSpline3, vce(robust)

```

```

note: execnat != 0 predicts failure perfectly
      execnat dropped and 379 obs not used

```

```

Iteration 0: log pseudolikelihood = -178.45963
Iteration 1: log pseudolikelihood = -139.7202
Iteration 2: log pseudolikelihood = -117.57685
Iteration 3: log pseudolikelihood = -115.46565
Iteration 4: log pseudolikelihood = -115.28054
Iteration 5: log pseudolikelihood = -115.28001
Iteration 6: log pseudolikelihood = -115.28001

```

|                                   |               |   |        |
|-----------------------------------|---------------|---|--------|
| Logistic regression               | Number of obs | = | 2127   |
|                                   | Wald chi2(27) | = | 147.44 |
|                                   | Prob > chi2   | = | 0.0000 |
| Log pseudolikelihood = -115.28001 | Pseudo R2     | = | 0.3540 |

|         |  | Coef.     | Robust<br>Std. Err. | z     | P> z  | [95% Conf. Interval] |           |
|---------|--|-----------|---------------------|-------|-------|----------------------|-----------|
| cap     |  |           |                     |       |       |                      |           |
| mnlbcap |  | 3.865535  | 2.163127            | 1.79  | 0.074 | -.3741153            | 8.105186  |
| tclbcap |  | .5860974  | .2541144            | 2.31  | 0.021 | .0880422             | 1.084153  |
| hglbcap |  | -.2592788 | .381456             | -0.68 | 0.497 | -1.006919            | .4883613  |
| tplbcap |  | .0031757  | .1301326            | 0.02  | 0.981 | -.2518796            | .2582309  |
| btlbcap |  | -.3426367 | .0867442            | -3.95 | 0.000 | -.5126522            | -.1726212 |
| ptlbcap |  | -.2516045 | .1745238            | -1.44 | 0.149 | -.5936648            | .0904558  |
| rllbcap |  | .5862631  | .2232353            | 2.63  | 0.009 | .14873               | 1.023796  |
| cllbcap |  | -.6836101 | .5640801            | -1.21 | 0.226 | -1.789187            | .4219667  |
| lglbcap |  | -.1423619 | .1304637            | -1.09 | 0.275 | -.398066             | .1133422  |
| cagdp2  |  | .0067955  | .0260493            | 0.26  | 0.794 | -.0442602            | .0578512  |
| chgdp   |  | -.0141042 | .0383614            | -0.37 | 0.713 | -.0892913            | .0610828  |
| gdppcap |  | -.007635  | .0410244            | -0.19 | 0.852 | -.0880414            | .0727714  |
| usint   |  | .1018172  | .1495736            | 0.68  | 0.496 | -.1913417            | .3949761  |
| crisis  |  | .776715   | .4751195            | 1.63  | 0.102 | -.1545022            | 1.707932  |

|             |  |           |           |       |       |           |           |
|-------------|--|-----------|-----------|-------|-------|-----------|-----------|
| openness    |  | 1.470686  | .4971983  | 2.96  | 0.003 | .496195   | 2.445177  |
| democ       |  | .1395345  | .0799505  | 1.75  | 0.081 | -.0171657 | .2962347  |
| execnat     |  | 0         | (omitted) |       |       |           |           |
| cbi         |  | -.024809  | .5773052  | -0.04 | 0.966 | -1.156306 | 1.106688  |
| comlaw      |  | -.6981601 | .6784019  | -1.03 | 0.303 | -2.027803 | .6314833  |
| imfcred     |  | .431223   | .787367   | 0.55  | 0.584 | -1.111988 | 1.974434  |
| odapcap     |  | -.0129376 | .0050784  | -2.55 | 0.011 | -.0228911 | -.0029841 |
| bdlbcap     |  | .1307083  | .0650561  | 2.01  | 0.045 | .0032007  | .2582158  |
| nblbcap     |  | .0065909  | .551191   | 0.01  | 0.990 | -1.073724 | 1.086905  |
| mer         |  | -1.099488 | .5480506  | -2.01 | 0.045 | -2.173647 | -.0253281 |
| cur         |  | 2.489775  | .6891307  | 3.61  | 0.000 | 1.139104  | 3.840446  |
| YearSpline1 |  | -.5551717 | .5449197  | -1.02 | 0.308 | -1.623195 | .5128513  |
| YearSpline2 |  | 1.342275  | 1.031513  | 1.30  | 0.193 | -.6794524 | 3.364003  |
| YearSpline3 |  | -4.045157 | 3.088322  | -1.31 | 0.190 | -10.09816 | 2.007844  |
| _cons       |  | 1080.891  | 1074.772  | 1.01  | 0.315 | -1025.624 | 3187.406  |

```
.
. predict NoCapCompLogitModel
(option pr assumed; Pr(cap))
(1153 missing values generated)
```

```
.
. **in this model 379 observations are dropped b/c when ExecNat is not 0, failure is
perfectly predicted
```

```
.
. **Full model from Simmons and Elkins, but using Logit and restricted to same
observations as the reduced model
. logit cap cclbcap mnlbcap tclbcap hglbcap tplbcap btlbcap ptlbcap rllbcap cllbcap
lglbcap cagdp2 chgdp gdppcap usint crisis opennes
> s democ cbi comlaw imfcred odapcap bdlbcap nblbcap mer cur YearSpline1 YearSpline2
YearSpline3 if e(sample), vce(robust)
```

```
Iteration 0: log pseudolikelihood = -178.45963
Iteration 1: log pseudolikelihood = -159.16525
Iteration 2: log pseudolikelihood = -115.16436
Iteration 3: log pseudolikelihood = -106.58931
Iteration 4: log pseudolikelihood = -105.61766
Iteration 5: log pseudolikelihood = -105.59921
Iteration 6: log pseudolikelihood = -105.59921
```

|                                   |               |   |        |
|-----------------------------------|---------------|---|--------|
| Logistic regression               | Number of obs | = | 2127   |
|                                   | Wald chi2(28) | = | 182.34 |
|                                   | Prob > chi2   | = | 0.0000 |
| Log pseudolikelihood = -105.59921 | Pseudo R2     | = | 0.4083 |

|         |  | Coef.     | Robust Std. Err. | z     | P> z  | [95% Conf. Interval] |
|---------|--|-----------|------------------|-------|-------|----------------------|
| cap     |  |           |                  |       |       |                      |
| cclbcap |  | .8317339  | .1704578         | 4.88  | 0.000 | .4976427 1.165825    |
| mnlbcap |  | 3.483283  | 2.235473         | 1.56  | 0.119 | -.8981625 7.864729   |
| tclbcap |  | .5828667  | .2725223         | 2.14  | 0.032 | .0487328 1.117001    |
| hglbcap |  | -.3273858 | .3950368         | -0.83 | 0.407 | -1.101644 .4468721   |
| tplbcap |  | .0075929  | .1370254         | 0.06  | 0.956 | -.2609719 .2761578   |
| btlbcap |  | -.3055333 | .0928979         | -3.29 | 0.001 | -.4876098 -.1234568  |
| ptlbcap |  | -.1916702 | .1884615         | -1.02 | 0.309 | -.561048 .1777076    |
| rllbcap |  | .6552123  | .2604828         | 2.52  | 0.012 | .1446754 1.165749    |
| cllbcap |  | -.6171363 | .5966649         | -1.03 | 0.301 | -1.786578 .5523055   |
| lglbcap |  | -.1680162 | .1165626         | -1.44 | 0.149 | -.3964747 .0604424   |
| cagdp2  |  | .0049005  | .026379          | 0.19  | 0.853 | -.0468014 .0566024   |
| chgdp   |  | -.035162  | .038412          | -0.92 | 0.360 | -.1104481 .0401241   |
| gdppcap |  | -.1658045 | .0527638         | -3.14 | 0.002 | -.2692197 -.0623894  |

|             |  |           |          |       |       |           |           |
|-------------|--|-----------|----------|-------|-------|-----------|-----------|
| usint       |  | .1645313  | .1452778 | 1.13  | 0.257 | -.120208  | .4492705  |
| crisis      |  | .9044646  | .4922854 | 1.84  | 0.066 | -.0603972 | 1.869326  |
| openness    |  | 1.691907  | .5128155 | 3.30  | 0.001 | .6868075  | 2.697007  |
| democ       |  | .1247716  | .0864568 | 1.44  | 0.149 | -.0446806 | .2942238  |
| cbi         |  | .3718067  | .6917257 | 0.54  | 0.591 | -.9839508 | 1.727564  |
| comlaw      |  | -.7743907 | .688086  | -1.13 | 0.260 | -2.123015 | .5742331  |
| imfcred     |  | .2929888  | .7284852 | 0.40  | 0.688 | -1.134816 | 1.720794  |
| odapcap     |  | -.021457  | .0070104 | -3.06 | 0.002 | -.0351971 | -.0077168 |
| bdlbcap     |  | .0498538  | .0889492 | 0.56  | 0.575 | -.1244834 | .2241911  |
| nblbcap     |  | .3339536  | .5763224 | 0.58  | 0.562 | -.7956175 | 1.463525  |
| mer         |  | -1.331219 | .5877575 | -2.26 | 0.024 | -2.483203 | -.1792354 |
| cur         |  | 2.560367  | .7044544 | 3.63  | 0.000 | 1.179662  | 3.941073  |
| YearSpline1 |  | -.9031878 | .574905  | -1.57 | 0.116 | -2.029981 | .2236054  |
| YearSpline2 |  | 1.995555  | 1.148247 | 1.74  | 0.082 | -.2549674 | 4.246078  |
| YearSpline3 |  | -5.928018 | 3.52028  | -1.68 | 0.092 | -12.82764 | .9716039  |
| _cons       |  | 1766.649  | 1132.94  | 1.56  | 0.119 | -453.8736 | 3987.171  |

-----  
Note: 5 failures and 0 successes completely determined.

```
.
.
. predict FullLogitModel
(option pr assumed; Pr(cap))
(418 missing values generated)

. gen ChangeProbFullMinusReduced= FullLogitModel-NoCapCompLogitModel
(1153 missing values generated)

.
. **Figure 5.2 Histogram of key explantory variable
. histogram cclbcap, percent
(bin=35, start=0, width=.28571429)

.
. **Figure 5.3 Showing Expected Relationship and X1 values
. graph twoway (scatter ChangeProbFullMinusReduced cclbcap if cap==0,
msymbol(smcircle)) (scatter ChangeProbFullMinusReduced cclbca
> p if cap==1, msymbol(X)), legend(off)

.
.
. **to compute the marginal effects:
.
. margins, at(cclbcap=(0 1 2 3 4 5 6 7 8 9 10)) atmeans vsquish post
```

|                      |          |               |   |      |
|----------------------|----------|---------------|---|------|
| Adjusted predictions |          | Number of obs | = | 2127 |
| Model VCE            | : Robust |               |   |      |

|            |                      |                    |
|------------|----------------------|--------------------|
| Expression | : Pr(cap), predict() |                    |
| 1._at      | : cclbcap            | = 0                |
|            | mnlbcap              | = 2.248283 (mean)  |
|            | tclbcap              | = 1.808375 (mean)  |
|            | hglbcap              | = 2.80884 (mean)   |
|            | tplbcap              | = 5.558079 (mean)  |
|            | btlbcap              | = 5.830048 (mean)  |
|            | ptlbcap              | = 2.399734 (mean)  |
|            | rllbcap              | = 2.125068 (mean)  |
|            | cllbcap              | = 2.014821 (mean)  |
|            | lglbcap              | = 3.376204 (mean)  |
|            | cagdp2               | = -4.579022 (mean) |
|            | chgdp                | = 3.11329 (mean)   |
|            | gdppcap              | = 2.745226 (mean)  |
|            | usint                | = 6.980324 (mean)  |

|       |             |   |           |        |
|-------|-------------|---|-----------|--------|
|       | crisis      | = | .1926057  | (mean) |
|       | openness    | = | .7788052  | (mean) |
|       | democ       | = | 4.084908  | (mean) |
|       | cbi         | = | .1537377  | (mean) |
|       | comlaw      | = | .353455   | (mean) |
|       | imfcred     | = | .8251058  | (mean) |
|       | odapcap     | = | 58.37168  | (mean) |
|       | bdlbcap     | = | 1.35084   | (mean) |
|       | nblbcap     | = | 2.840346  | (mean) |
|       | mer         | = | .7005172  | (mean) |
|       | cur         | = | .3765867  | (mean) |
|       | YearSpline1 | = | 1986.172  | (mean) |
|       | YearSpline2 | = | 10.10525  | (mean) |
|       | YearSpline3 | = | 1.54334   | (mean) |
| 2._at | : cclbcap   | = | 1         |        |
|       | mnlbcap     | = | 2.248283  | (mean) |
|       | tclbcap     | = | 1.808375  | (mean) |
|       | hglbcap     | = | 2.80884   | (mean) |
|       | tplbcap     | = | 5.558079  | (mean) |
|       | btlbcap     | = | 5.830048  | (mean) |
|       | ptlbcap     | = | 2.399734  | (mean) |
|       | rllbcap     | = | 2.125068  | (mean) |
|       | cllbcap     | = | 2.014821  | (mean) |
|       | lglbcap     | = | 3.376204  | (mean) |
|       | cagdp2      | = | -4.579022 | (mean) |
|       | chgdp       | = | 3.11329   | (mean) |
|       | gdppcap     | = | 2.745226  | (mean) |
|       | usint       | = | 6.980324  | (mean) |
|       | crisis      | = | .1926057  | (mean) |
|       | openness    | = | .7788052  | (mean) |
|       | democ       | = | 4.084908  | (mean) |
|       | cbi         | = | .1537377  | (mean) |
|       | comlaw      | = | .353455   | (mean) |
|       | imfcred     | = | .8251058  | (mean) |
|       | odapcap     | = | 58.37168  | (mean) |
|       | bdlbcap     | = | 1.35084   | (mean) |
|       | nblbcap     | = | 2.840346  | (mean) |
|       | mer         | = | .7005172  | (mean) |
|       | cur         | = | .3765867  | (mean) |
|       | YearSpline1 | = | 1986.172  | (mean) |
|       | YearSpline2 | = | 10.10525  | (mean) |
|       | YearSpline3 | = | 1.54334   | (mean) |
| 3._at | : cclbcap   | = | 2         |        |
|       | mnlbcap     | = | 2.248283  | (mean) |
|       | tclbcap     | = | 1.808375  | (mean) |
|       | hglbcap     | = | 2.80884   | (mean) |
|       | tplbcap     | = | 5.558079  | (mean) |
|       | btlbcap     | = | 5.830048  | (mean) |
|       | ptlbcap     | = | 2.399734  | (mean) |
|       | rllbcap     | = | 2.125068  | (mean) |
|       | cllbcap     | = | 2.014821  | (mean) |
|       | lglbcap     | = | 3.376204  | (mean) |
|       | cagdp2      | = | -4.579022 | (mean) |
|       | chgdp       | = | 3.11329   | (mean) |
|       | gdppcap     | = | 2.745226  | (mean) |
|       | usint       | = | 6.980324  | (mean) |
|       | crisis      | = | .1926057  | (mean) |
|       | openness    | = | .7788052  | (mean) |
|       | democ       | = | 4.084908  | (mean) |
|       | cbi         | = | .1537377  | (mean) |
|       | comlaw      | = | .353455   | (mean) |
|       | imfcred     | = | .8251058  | (mean) |
|       | odapcap     | = | 58.37168  | (mean) |

|       |             |             |          |                  |
|-------|-------------|-------------|----------|------------------|
|       | bdlbcap     | =           | 1.35084  | (mean)           |
|       | nblbcap     | =           | 2.840346 | (mean)           |
|       | mer         | =           | .7005172 | (mean)           |
|       | cur         | =           | .3765867 | (mean)           |
|       | YearSpline1 | =           | 1986.172 | (mean)           |
|       | YearSpline2 | =           | 10.10525 | (mean)           |
|       | YearSpline3 | =           | 1.54334  | (mean)           |
| 4._at | :           | cclbcap     | =        | 3                |
|       |             | mnlbcap     | =        | 2.248283 (mean)  |
|       |             | tclbcap     | =        | 1.808375 (mean)  |
|       |             | hglbcap     | =        | 2.80884 (mean)   |
|       |             | tplbcap     | =        | 5.558079 (mean)  |
|       |             | btlbcap     | =        | 5.830048 (mean)  |
|       |             | ptlbcap     | =        | 2.399734 (mean)  |
|       |             | rllbcap     | =        | 2.125068 (mean)  |
|       |             | cllbcap     | =        | 2.014821 (mean)  |
|       |             | lglbcap     | =        | 3.376204 (mean)  |
|       |             | cagdp2      | =        | -4.579022 (mean) |
|       |             | chgdp       | =        | 3.11329 (mean)   |
|       |             | gdppcap     | =        | 2.745226 (mean)  |
|       |             | usint       | =        | 6.980324 (mean)  |
|       |             | crisis      | =        | .1926057 (mean)  |
|       |             | openness    | =        | .7788052 (mean)  |
|       |             | democ       | =        | 4.084908 (mean)  |
|       |             | cbi         | =        | .1537377 (mean)  |
|       |             | comlaw      | =        | .353455 (mean)   |
|       |             | imfcred     | =        | .8251058 (mean)  |
|       |             | odapcap     | =        | 58.37168 (mean)  |
|       |             | bdlbcap     | =        | 1.35084 (mean)   |
|       |             | nblbcap     | =        | 2.840346 (mean)  |
|       |             | mer         | =        | .7005172 (mean)  |
|       |             | cur         | =        | .3765867 (mean)  |
|       |             | YearSpline1 | =        | 1986.172 (mean)  |
|       |             | YearSpline2 | =        | 10.10525 (mean)  |
|       |             | YearSpline3 | =        | 1.54334 (mean)   |
| 5._at | :           | cclbcap     | =        | 4                |
|       |             | mnlbcap     | =        | 2.248283 (mean)  |
|       |             | tclbcap     | =        | 1.808375 (mean)  |
|       |             | hglbcap     | =        | 2.80884 (mean)   |
|       |             | tplbcap     | =        | 5.558079 (mean)  |
|       |             | btlbcap     | =        | 5.830048 (mean)  |
|       |             | ptlbcap     | =        | 2.399734 (mean)  |
|       |             | rllbcap     | =        | 2.125068 (mean)  |
|       |             | cllbcap     | =        | 2.014821 (mean)  |
|       |             | lglbcap     | =        | 3.376204 (mean)  |
|       |             | cagdp2      | =        | -4.579022 (mean) |
|       |             | chgdp       | =        | 3.11329 (mean)   |
|       |             | gdppcap     | =        | 2.745226 (mean)  |
|       |             | usint       | =        | 6.980324 (mean)  |
|       |             | crisis      | =        | .1926057 (mean)  |
|       |             | openness    | =        | .7788052 (mean)  |
|       |             | democ       | =        | 4.084908 (mean)  |
|       |             | cbi         | =        | .1537377 (mean)  |
|       |             | comlaw      | =        | .353455 (mean)   |
|       |             | imfcred     | =        | .8251058 (mean)  |
|       |             | odapcap     | =        | 58.37168 (mean)  |
|       |             | bdlbcap     | =        | 1.35084 (mean)   |
|       |             | nblbcap     | =        | 2.840346 (mean)  |
|       |             | mer         | =        | .7005172 (mean)  |
|       |             | cur         | =        | .3765867 (mean)  |
|       |             | YearSpline1 | =        | 1986.172 (mean)  |
|       |             | YearSpline2 | =        | 10.10525 (mean)  |
|       |             | YearSpline3 | =        | 1.54334 (mean)   |

```

6._at      : cclbcap      =          5
             mnlbcap      =      2.248283 (mean)
             tclbcap      =      1.808375 (mean)
             hglbcap      =      2.80884  (mean)
             tplbcap      =      5.558079 (mean)
             btlbcap      =      5.830048 (mean)
             ptlbcap      =      2.399734 (mean)
             rllbcap      =      2.125068 (mean)
             cllbcap      =      2.014821 (mean)
             lglbcap      =      3.376204 (mean)
             cagdp2       =     -4.579022 (mean)
             chgdp        =      3.11329  (mean)
             gdppcap      =      2.745226 (mean)
             usint        =      6.980324 (mean)
             crisis       =      .1926057 (mean)
             openness     =      .7788052 (mean)
             democ        =      4.084908 (mean)
             cbi          =      .1537377 (mean)
             comlaw       =      .353455  (mean)
             imfcred      =      .8251058 (mean)
             odapcap      =     58.37168  (mean)
             bdlbcap      =      1.35084  (mean)
             nblbcap      =      2.840346 (mean)
             mer          =      .7005172 (mean)
             cur          =      .3765867 (mean)
             YearSpline1  =     1986.172  (mean)
             YearSpline2  =     10.10525  (mean)
             YearSpline3  =      1.54334  (mean)

7._at      : cclbcap      =          6
             mnlbcap      =      2.248283 (mean)
             tclbcap      =      1.808375 (mean)
             hglbcap      =      2.80884  (mean)
             tplbcap      =      5.558079 (mean)
             btlbcap      =      5.830048 (mean)
             ptlbcap      =      2.399734 (mean)
             rllbcap      =      2.125068 (mean)
             cllbcap      =      2.014821 (mean)
             lglbcap      =      3.376204 (mean)
             cagdp2       =     -4.579022 (mean)
             chgdp        =      3.11329  (mean)
             gdppcap      =      2.745226 (mean)
             usint        =      6.980324 (mean)
             crisis       =      .1926057 (mean)
             openness     =      .7788052 (mean)
             democ        =      4.084908 (mean)
             cbi          =      .1537377 (mean)
             comlaw       =      .353455  (mean)
             imfcred      =      .8251058 (mean)
             odapcap      =     58.37168  (mean)
             bdlbcap      =      1.35084  (mean)
             nblbcap      =      2.840346 (mean)
             mer          =      .7005172 (mean)
             cur          =      .3765867 (mean)
             YearSpline1  =     1986.172  (mean)
             YearSpline2  =     10.10525  (mean)
             YearSpline3  =      1.54334  (mean)

8._at      : cclbcap      =          7
             mnlbcap      =      2.248283 (mean)
             tclbcap      =      1.808375 (mean)
             hglbcap      =      2.80884  (mean)
             tplbcap      =      5.558079 (mean)
             btlbcap      =      5.830048 (mean)
             ptlbcap      =      2.399734 (mean)

```

|        |             |   |           |        |
|--------|-------------|---|-----------|--------|
|        | rllbcap     | = | 2.125068  | (mean) |
|        | cllbcap     | = | 2.014821  | (mean) |
|        | lglbcap     | = | 3.376204  | (mean) |
|        | cagdp2      | = | -4.579022 | (mean) |
|        | chgdp       | = | 3.11329   | (mean) |
|        | gdppcap     | = | 2.745226  | (mean) |
|        | usint       | = | 6.980324  | (mean) |
|        | crisis      | = | .1926057  | (mean) |
|        | openness    | = | .7788052  | (mean) |
|        | democ       | = | 4.084908  | (mean) |
|        | cbi         | = | .1537377  | (mean) |
|        | comlaw      | = | .353455   | (mean) |
|        | imfcred     | = | .8251058  | (mean) |
|        | odapcap     | = | 58.37168  | (mean) |
|        | bdlbcap     | = | 1.35084   | (mean) |
|        | nblbcap     | = | 2.840346  | (mean) |
|        | mer         | = | .7005172  | (mean) |
|        | cur         | = | .3765867  | (mean) |
|        | YearSpline1 | = | 1986.172  | (mean) |
|        | YearSpline2 | = | 10.10525  | (mean) |
|        | YearSpline3 | = | 1.54334   | (mean) |
| 9._at  | : cclbcap   | = | 8         |        |
|        | mnlbcap     | = | 2.248283  | (mean) |
|        | tclbcap     | = | 1.808375  | (mean) |
|        | hglbcap     | = | 2.80884   | (mean) |
|        | tplbcap     | = | 5.558079  | (mean) |
|        | btlbcap     | = | 5.830048  | (mean) |
|        | ptlbcap     | = | 2.399734  | (mean) |
|        | rllbcap     | = | 2.125068  | (mean) |
|        | cllbcap     | = | 2.014821  | (mean) |
|        | lglbcap     | = | 3.376204  | (mean) |
|        | cagdp2      | = | -4.579022 | (mean) |
|        | chgdp       | = | 3.11329   | (mean) |
|        | gdppcap     | = | 2.745226  | (mean) |
|        | usint       | = | 6.980324  | (mean) |
|        | crisis      | = | .1926057  | (mean) |
|        | openness    | = | .7788052  | (mean) |
|        | democ       | = | 4.084908  | (mean) |
|        | cbi         | = | .1537377  | (mean) |
|        | comlaw      | = | .353455   | (mean) |
|        | imfcred     | = | .8251058  | (mean) |
|        | odapcap     | = | 58.37168  | (mean) |
|        | bdlbcap     | = | 1.35084   | (mean) |
|        | nblbcap     | = | 2.840346  | (mean) |
|        | mer         | = | .7005172  | (mean) |
|        | cur         | = | .3765867  | (mean) |
|        | YearSpline1 | = | 1986.172  | (mean) |
|        | YearSpline2 | = | 10.10525  | (mean) |
|        | YearSpline3 | = | 1.54334   | (mean) |
| 10._at | : cclbcap   | = | 9         |        |
|        | mnlbcap     | = | 2.248283  | (mean) |
|        | tclbcap     | = | 1.808375  | (mean) |
|        | hglbcap     | = | 2.80884   | (mean) |
|        | tplbcap     | = | 5.558079  | (mean) |
|        | btlbcap     | = | 5.830048  | (mean) |
|        | ptlbcap     | = | 2.399734  | (mean) |
|        | rllbcap     | = | 2.125068  | (mean) |
|        | cllbcap     | = | 2.014821  | (mean) |
|        | lglbcap     | = | 3.376204  | (mean) |
|        | cagdp2      | = | -4.579022 | (mean) |
|        | chgdp       | = | 3.11329   | (mean) |
|        | gdppcap     | = | 2.745226  | (mean) |
|        | usint       | = | 6.980324  | (mean) |

```

crisis = .1926057 (mean)
openness = .7788052 (mean)
democ = 4.084908 (mean)
cbi = .1537377 (mean)
comlaw = .353455 (mean)
imfcred = .8251058 (mean)
odapcap = 58.37168 (mean)
bdlbcap = 1.35084 (mean)
nblbcap = 2.840346 (mean)
mer = .7005172 (mean)
cur = .3765867 (mean)
YearSpline1 = 1986.172 (mean)
YearSpline2 = 10.10525 (mean)
YearSpline3 = 1.54334 (mean)
11._at : cclbcap = 10
        mnlbcap = 2.248283 (mean)
        tclbcap = 1.808375 (mean)
        hglbcap = 2.80884 (mean)
        tplbcap = 5.558079 (mean)
        btlbcap = 5.830048 (mean)
        ptlbcap = 2.399734 (mean)
        rllbcap = 2.125068 (mean)
        cllbcap = 2.014821 (mean)
        lglbcap = 3.376204 (mean)
        cagdp2 = -4.579022 (mean)
        chgdp = 3.11329 (mean)
        gdppcap = 2.745226 (mean)
        usint = 6.980324 (mean)
        crisis = .1926057 (mean)
        openness = .7788052 (mean)
        democ = 4.084908 (mean)
        cbic = .1537377 (mean)
        comlaw = .353455 (mean)
        imfcred = .8251058 (mean)
        odapcap = 58.37168 (mean)
        bdlbcap = 1.35084 (mean)
        nblbcap = 2.840346 (mean)
        mer = .7005172 (mean)
        cur = .3765867 (mean)
        YearSpline1 = 1986.172 (mean)
        YearSpline2 = 10.10525 (mean)
        YearSpline3 = 1.54334 (mean)

```

|     |  | Delta-method |           |      |       |                      |
|-----|--|--------------|-----------|------|-------|----------------------|
|     |  | Margin       | Std. Err. | z    | P> z  | [95% Conf. Interval] |
| _at |  |              |           |      |       |                      |
| 1   |  | .0002056     | .0001619  | 1.27 | 0.204 | -.0001116 .0005229   |
| 2   |  | .0004722     | .0003315  | 1.42 | 0.154 | -.0001775 .001122    |
| 3   |  | .0010842     | .0007058  | 1.54 | 0.125 | -.0002991 .0024676   |
| 4   |  | .0024872     | .0015969  | 1.56 | 0.119 | -.0006426 .0056171   |
| 5   |  | .0056956     | .003849   | 1.48 | 0.139 | -.0018484 .0132395   |
| 6   |  | .0129885     | .0096594  | 1.34 | 0.179 | -.0059436 .0319206   |
| 7   |  | .029344      | .024363   | 1.20 | 0.228 | -.0184066 .0770945   |
| 8   |  | .0649397     | .0592984  | 1.10 | 0.273 | -.051283 .1811624    |
| 9   |  | .1375941     | .1318038  | 1.04 | 0.297 | -.1207366 .3959248   |
| 10  |  | .2682177     | .2460908  | 1.09 | 0.276 | -.2141114 .7505468   |
| 11  |  | .4571181     | .3481647  | 1.31 | 0.189 | -.2252722 1.139508   |

```

.
. marginsplot

```



```

Variables that uniquely identify margins: cclbcap

. marginsplot, noci

Variables that uniquely identify margins: cclbcap

.
.
. mat t=J(11,3,.)

.
. mat a = (0\1\2\3\4\5\6\7\8\9\10)          /* get the 11 "at" values      */

.
. forvalues i=1/11 {
2.   mat t[`i',1] = _b[`i'._at]              /* get probability estimates */
3.   mat t[`i',2] = _b[`i'._at] - 1.96*_se[`i'._at] /* compute lower limit      */
4.   mat t[`i',3] = _b[`i'._at] + 1.96*_se[`i'._at] /* compute upper limit      */
5. }

.
. mat t=t,a                                /* horizontal concatenation */

. mat colnames t = prob ll ul at           /* fix column names        */

. svmat t, names(col)                      /* save matrix as data      */

.
. twoway (rarea ll ul at)(line prob at), legend(off) ///
>       xtitle(CapCompetitors) ytitle(probability) scheme(lean1)
(note: scheme lean1 not found, using s2color)

.
.
.
.
.
.
.
.
end of do-file

. log clsoe
clsoe invalid
r(198);

. log close
name: <unnamed>
log: /Users/nicholasweller/Dropbox/Weller Files/BarLer/Replication
Material/Chapter 5/Chaper5Replication.log
log type: text
closed on: 5 Jun 2014, 14:34:18
-----
-----

```