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name: <unnamed>

log: /Users/jmcguire/Desktop/McGuireElementStataOutputTables2and3.smcl

log type: smcl

opened on: 24 May 2019, 07:38:07

. \*\*\* VARIABLES

. \*\*\* ccode: numerical code for country

. \*\*\* codealp: alphabetical code for country

. \*\*\* cname: name of country

. \*\*\* year: year

. \*\*\* rgdpnapc: GDP per capita in constant 2011 US$ using 2011 international price comparisons

. \*\*\* wdi\_mortinf: infant mortality according to WB WDI (downloaded 2 Nov 2017) via Quality of Government dataset (Teorell et al. 2018)

. \*\*\* vdem\_libdem: V-Dem liberal Democracy Index (downloaded 2 Nov 2017) Quality of Government dataset (Teorell et al. 2018)

.

. \*\*\* Universe of cases: All countries in the world with data from 1970 to 2015 on GDP per capita at PPP in 2011 US$, the V-Dem liberal

> democracy index, and infant mortality. No missing data imputed.

. \*\*\* Source: Jan Teorell et al., Quality of Government Standard Dataset, version Jan18. University of Gothenburg: The Quality of Gover

> nment Institute, http://www.qog.pol.gu.se doi:10.18157/QoGStdJan18

. \*\*\* Original source for GDP per capita at PPP in 2011 US$: Maddison Project Database 2018, Stata version, accessed 24 January 2018 at

> https://www.rug.nl/ggdc/historicaldevelopment/maddison/data/mpd2018.dta.

. \*\*\* Original source for infant mortality: World Bank World Development Indicators accessed 2 November 2018.

. \*\*\* Original source for V-Dem liberal Democracy Index: Varieties of Democracy (V-Dem) Project country-year/country-date dataset v7.1,

> downloaded 17 October 2017.

.

. \*\*\* stipulate the panel and time variables

. tsset ccode year

panel variable: ccode (strongly balanced)

time variable: year, 1970 to 2015

delta: 1 unit

.

. \*\*\* generate dummy variables for country and year

. tab ccode, gen(ctry)

ccode | Freq. Percent Cum.

------------+-----------------------------------

4 | 46 0.64 0.64

8 | 46 0.64 1.27

12 | 46 0.64 1.91

24 | 46 0.64 2.55

31 | 46 0.64 3.18

32 | 46 0.64 3.82

36 | 46 0.64 4.46

40 | 46 0.64 5.10

50 | 46 0.64 5.73

51 | 46 0.64 6.37

52 | 46 0.64 7.01

56 | 46 0.64 7.64

68 | 46 0.64 8.28

70 | 46 0.64 8.92

72 | 46 0.64 9.55

76 | 46 0.64 10.19

100 | 46 0.64 10.83

104 | 46 0.64 11.46

108 | 46 0.64 12.10

112 | 46 0.64 12.74

116 | 46 0.64 13.38

120 | 46 0.64 14.01

124 | 46 0.64 14.65

132 | 46 0.64 15.29

140 | 46 0.64 15.92

144 | 46 0.64 16.56

148 | 46 0.64 17.20

152 | 46 0.64 17.83

156 | 46 0.64 18.47

170 | 46 0.64 19.11

174 | 46 0.64 19.75

178 | 46 0.64 20.38

180 | 46 0.64 21.02

188 | 46 0.64 21.66

191 | 46 0.64 22.29

192 | 46 0.64 22.93

196 | 46 0.64 23.57

203 | 46 0.64 24.20

204 | 46 0.64 24.84

208 | 46 0.64 25.48

214 | 46 0.64 26.11

218 | 46 0.64 26.75

222 | 46 0.64 27.39

226 | 46 0.64 28.03

231 | 46 0.64 28.66

233 | 46 0.64 29.30

246 | 46 0.64 29.94

250 | 46 0.64 30.57

262 | 46 0.64 31.21

266 | 46 0.64 31.85

268 | 46 0.64 32.48

270 | 46 0.64 33.12

276 | 46 0.64 33.76

288 | 46 0.64 34.39

300 | 46 0.64 35.03

320 | 46 0.64 35.67

324 | 46 0.64 36.31

332 | 46 0.64 36.94

340 | 46 0.64 37.58

348 | 46 0.64 38.22

352 | 46 0.64 38.85

356 | 46 0.64 39.49

360 | 46 0.64 40.13

364 | 46 0.64 40.76

368 | 46 0.64 41.40

372 | 46 0.64 42.04

376 | 46 0.64 42.68

380 | 46 0.64 43.31

384 | 46 0.64 43.95

388 | 46 0.64 44.59

392 | 46 0.64 45.22

398 | 46 0.64 45.86

400 | 46 0.64 46.50

404 | 46 0.64 47.13

408 | 46 0.64 47.77

410 | 46 0.64 48.41

414 | 46 0.64 49.04

417 | 46 0.64 49.68

418 | 46 0.64 50.32

422 | 46 0.64 50.96

426 | 46 0.64 51.59

428 | 46 0.64 52.23

430 | 46 0.64 52.87

434 | 46 0.64 53.50

440 | 46 0.64 54.14

450 | 46 0.64 54.78

454 | 46 0.64 55.41

458 | 46 0.64 56.05

466 | 46 0.64 56.69

470 | 46 0.64 57.32

478 | 46 0.64 57.96

480 | 46 0.64 58.60

484 | 46 0.64 59.24

496 | 46 0.64 59.87

498 | 46 0.64 60.51

499 | 46 0.64 61.15

504 | 46 0.64 61.78

508 | 46 0.64 62.42

512 | 46 0.64 63.06

516 | 46 0.64 63.69

524 | 46 0.64 64.33

528 | 46 0.64 64.97

554 | 46 0.64 65.61

558 | 46 0.64 66.24

562 | 46 0.64 66.88

566 | 46 0.64 67.52

578 | 46 0.64 68.15

586 | 46 0.64 68.79

591 | 46 0.64 69.43

600 | 46 0.64 70.06

604 | 46 0.64 70.70

608 | 46 0.64 71.34

616 | 46 0.64 71.97

620 | 46 0.64 72.61

624 | 46 0.64 73.25

634 | 46 0.64 73.89

642 | 46 0.64 74.52

643 | 46 0.64 75.16

646 | 46 0.64 75.80

662 | 46 0.64 76.43

678 | 46 0.64 77.07

682 | 46 0.64 77.71

686 | 46 0.64 78.34

688 | 46 0.64 78.98

690 | 46 0.64 79.62

694 | 46 0.64 80.25

702 | 46 0.64 80.89

703 | 46 0.64 81.53

705 | 46 0.64 82.17

710 | 46 0.64 82.80

716 | 46 0.64 83.44

724 | 46 0.64 84.08

729 | 46 0.64 84.71

748 | 46 0.64 85.35

752 | 46 0.64 85.99

756 | 46 0.64 86.62

760 | 46 0.64 87.26

762 | 46 0.64 87.90

764 | 46 0.64 88.54

768 | 46 0.64 89.17

780 | 46 0.64 89.81

788 | 46 0.64 90.45

792 | 46 0.64 91.08

795 | 46 0.64 91.72

800 | 46 0.64 92.36

804 | 46 0.64 92.99

807 | 46 0.64 93.63

818 | 46 0.64 94.27

826 | 46 0.64 94.90

834 | 46 0.64 95.54

840 | 46 0.64 96.18

854 | 46 0.64 96.82

858 | 46 0.64 97.45

860 | 46 0.64 98.09

862 | 46 0.64 98.73

887 | 46 0.64 99.36

894 | 46 0.64 100.00

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Total | 7,222 100.00

. tab year, gen(yr)

year | Freq. Percent Cum.

------------+-----------------------------------

1970 | 157 2.17 2.17

1971 | 157 2.17 4.35

1972 | 157 2.17 6.52

1973 | 157 2.17 8.70

1974 | 157 2.17 10.87

1975 | 157 2.17 13.04

1976 | 157 2.17 15.22

1977 | 157 2.17 17.39

1978 | 157 2.17 19.57

1979 | 157 2.17 21.74

1980 | 157 2.17 23.91

1981 | 157 2.17 26.09

1982 | 157 2.17 28.26

1983 | 157 2.17 30.43

1984 | 157 2.17 32.61

1985 | 157 2.17 34.78

1986 | 157 2.17 36.96

1987 | 157 2.17 39.13

1988 | 157 2.17 41.30

1989 | 157 2.17 43.48

1990 | 157 2.17 45.65

1991 | 157 2.17 47.83

1992 | 157 2.17 50.00

1993 | 157 2.17 52.17

1994 | 157 2.17 54.35

1995 | 157 2.17 56.52

1996 | 157 2.17 58.70

1997 | 157 2.17 60.87

1998 | 157 2.17 63.04

1999 | 157 2.17 65.22

2000 | 157 2.17 67.39

2001 | 157 2.17 69.57

2002 | 157 2.17 71.74

2003 | 157 2.17 73.91

2004 | 157 2.17 76.09

2005 | 157 2.17 78.26

2006 | 157 2.17 80.43

2007 | 157 2.17 82.61

2008 | 157 2.17 84.78

2009 | 157 2.17 86.96

2010 | 157 2.17 89.13

2011 | 157 2.17 91.30

2012 | 157 2.17 93.48

2013 | 157 2.17 95.65

2014 | 157 2.17 97.83

2015 | 157 2.17 100.00

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Total | 7,222 100.00

.

. \*\*\* generate a time trend variable

. gen time = year-1970

.

. \*\*\* take the natural logarithms of GDP per capita and infant mortality

. gen lrgdpnapc = ln(rgdpnapc)

(246 missing values generated)

. gen lwdi\_mortinf = ln(wdi\_mortinf)

(822 missing values generated)

.

. \*\*\* generate lagged variables for use with Stata routines that cannot handle factor variables

. gen lag1wdi\_mortinf = l1.wdi\_mortinf

(979 missing values generated)

. gen lag1lwdi\_mortinf = l1.wdi\_mortinf

(979 missing values generated)

. gen lag1vdem\_libdem = l1.vdem\_libdem

(1,000 missing values generated)

. gen lag2vdem\_libdem = l2.vdem\_libdem

(1,155 missing values generated)

. gen lag3vdem\_libdem = l3.vdem\_libdem

(1,310 missing values generated)

. gen lag4vdem\_libdem = l4.vdem\_libdem

(1,465 missing values generated)

. gen lag5vdem\_libdem = l5.vdem\_libdem

(1,619 missing values generated)

.

. \*\*\* Summarize all variables

. summarize ctry\* yr\*

Variable | Obs Mean Std. Dev. Min Max

-------------+---------------------------------------------------------

ctry1 | 7,222 .0063694 .0795596 0 1

ctry2 | 7,222 .0063694 .0795596 0 1

ctry3 | 7,222 .0063694 .0795596 0 1

ctry4 | 7,222 .0063694 .0795596 0 1

ctry5 | 7,222 .0063694 .0795596 0 1

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ctry6 | 7,222 .0063694 .0795596 0 1

ctry7 | 7,222 .0063694 .0795596 0 1

ctry8 | 7,222 .0063694 .0795596 0 1

ctry9 | 7,222 .0063694 .0795596 0 1

ctry10 | 7,222 .0063694 .0795596 0 1

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ctry11 | 7,222 .0063694 .0795596 0 1

ctry12 | 7,222 .0063694 .0795596 0 1

ctry13 | 7,222 .0063694 .0795596 0 1

ctry14 | 7,222 .0063694 .0795596 0 1

ctry15 | 7,222 .0063694 .0795596 0 1

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ctry16 | 7,222 .0063694 .0795596 0 1

ctry17 | 7,222 .0063694 .0795596 0 1

ctry18 | 7,222 .0063694 .0795596 0 1

ctry19 | 7,222 .0063694 .0795596 0 1

ctry20 | 7,222 .0063694 .0795596 0 1

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ctry21 | 7,222 .0063694 .0795596 0 1

ctry22 | 7,222 .0063694 .0795596 0 1

ctry23 | 7,222 .0063694 .0795596 0 1

ctry24 | 7,222 .0063694 .0795596 0 1

ctry25 | 7,222 .0063694 .0795596 0 1

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ctry26 | 7,222 .0063694 .0795596 0 1

ctry27 | 7,222 .0063694 .0795596 0 1

ctry28 | 7,222 .0063694 .0795596 0 1

ctry29 | 7,222 .0063694 .0795596 0 1

ctry30 | 7,222 .0063694 .0795596 0 1

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ctry31 | 7,222 .0063694 .0795596 0 1

ctry32 | 7,222 .0063694 .0795596 0 1

ctry33 | 7,222 .0063694 .0795596 0 1

ctry34 | 7,222 .0063694 .0795596 0 1

ctry35 | 7,222 .0063694 .0795596 0 1

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ctry36 | 7,222 .0063694 .0795596 0 1

ctry37 | 7,222 .0063694 .0795596 0 1

ctry38 | 7,222 .0063694 .0795596 0 1

ctry39 | 7,222 .0063694 .0795596 0 1

ctry40 | 7,222 .0063694 .0795596 0 1

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ctry41 | 7,222 .0063694 .0795596 0 1

ctry42 | 7,222 .0063694 .0795596 0 1

ctry43 | 7,222 .0063694 .0795596 0 1

ctry44 | 7,222 .0063694 .0795596 0 1

ctry45 | 7,222 .0063694 .0795596 0 1

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ctry46 | 7,222 .0063694 .0795596 0 1

ctry47 | 7,222 .0063694 .0795596 0 1

ctry48 | 7,222 .0063694 .0795596 0 1

ctry49 | 7,222 .0063694 .0795596 0 1

ctry50 | 7,222 .0063694 .0795596 0 1

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ctry51 | 7,222 .0063694 .0795596 0 1

ctry52 | 7,222 .0063694 .0795596 0 1

ctry53 | 7,222 .0063694 .0795596 0 1

ctry54 | 7,222 .0063694 .0795596 0 1

ctry55 | 7,222 .0063694 .0795596 0 1

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ctry56 | 7,222 .0063694 .0795596 0 1

ctry57 | 7,222 .0063694 .0795596 0 1

ctry58 | 7,222 .0063694 .0795596 0 1

ctry59 | 7,222 .0063694 .0795596 0 1

ctry60 | 7,222 .0063694 .0795596 0 1

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ctry61 | 7,222 .0063694 .0795596 0 1

ctry62 | 7,222 .0063694 .0795596 0 1

ctry63 | 7,222 .0063694 .0795596 0 1

ctry64 | 7,222 .0063694 .0795596 0 1

ctry65 | 7,222 .0063694 .0795596 0 1

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ctry66 | 7,222 .0063694 .0795596 0 1

ctry67 | 7,222 .0063694 .0795596 0 1

ctry68 | 7,222 .0063694 .0795596 0 1

ctry69 | 7,222 .0063694 .0795596 0 1

ctry70 | 7,222 .0063694 .0795596 0 1

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ctry71 | 7,222 .0063694 .0795596 0 1

ctry72 | 7,222 .0063694 .0795596 0 1

ctry73 | 7,222 .0063694 .0795596 0 1

ctry74 | 7,222 .0063694 .0795596 0 1

ctry75 | 7,222 .0063694 .0795596 0 1

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ctry76 | 7,222 .0063694 .0795596 0 1

ctry77 | 7,222 .0063694 .0795596 0 1

ctry78 | 7,222 .0063694 .0795596 0 1

ctry79 | 7,222 .0063694 .0795596 0 1

ctry80 | 7,222 .0063694 .0795596 0 1

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ctry81 | 7,222 .0063694 .0795596 0 1

ctry82 | 7,222 .0063694 .0795596 0 1

ctry83 | 7,222 .0063694 .0795596 0 1

ctry84 | 7,222 .0063694 .0795596 0 1

ctry85 | 7,222 .0063694 .0795596 0 1

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ctry86 | 7,222 .0063694 .0795596 0 1

ctry87 | 7,222 .0063694 .0795596 0 1

ctry88 | 7,222 .0063694 .0795596 0 1

ctry89 | 7,222 .0063694 .0795596 0 1

ctry90 | 7,222 .0063694 .0795596 0 1

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ctry91 | 7,222 .0063694 .0795596 0 1

ctry92 | 7,222 .0063694 .0795596 0 1

ctry93 | 7,222 .0063694 .0795596 0 1

ctry94 | 7,222 .0063694 .0795596 0 1

ctry95 | 7,222 .0063694 .0795596 0 1

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ctry96 | 7,222 .0063694 .0795596 0 1

ctry97 | 7,222 .0063694 .0795596 0 1

ctry98 | 7,222 .0063694 .0795596 0 1

ctry99 | 7,222 .0063694 .0795596 0 1

ctry100 | 7,222 .0063694 .0795596 0 1

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ctry101 | 7,222 .0063694 .0795596 0 1

ctry102 | 7,222 .0063694 .0795596 0 1

ctry103 | 7,222 .0063694 .0795596 0 1

ctry104 | 7,222 .0063694 .0795596 0 1

ctry105 | 7,222 .0063694 .0795596 0 1

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ctry106 | 7,222 .0063694 .0795596 0 1

ctry107 | 7,222 .0063694 .0795596 0 1

ctry108 | 7,222 .0063694 .0795596 0 1

ctry109 | 7,222 .0063694 .0795596 0 1

ctry110 | 7,222 .0063694 .0795596 0 1

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ctry111 | 7,222 .0063694 .0795596 0 1

ctry112 | 7,222 .0063694 .0795596 0 1

ctry113 | 7,222 .0063694 .0795596 0 1

ctry114 | 7,222 .0063694 .0795596 0 1

ctry115 | 7,222 .0063694 .0795596 0 1

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ctry116 | 7,222 .0063694 .0795596 0 1

ctry117 | 7,222 .0063694 .0795596 0 1

ctry118 | 7,222 .0063694 .0795596 0 1

ctry119 | 7,222 .0063694 .0795596 0 1

ctry120 | 7,222 .0063694 .0795596 0 1

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ctry121 | 7,222 .0063694 .0795596 0 1

ctry122 | 7,222 .0063694 .0795596 0 1

ctry123 | 7,222 .0063694 .0795596 0 1

ctry124 | 7,222 .0063694 .0795596 0 1

ctry125 | 7,222 .0063694 .0795596 0 1

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ctry126 | 7,222 .0063694 .0795596 0 1

ctry127 | 7,222 .0063694 .0795596 0 1

ctry128 | 7,222 .0063694 .0795596 0 1

ctry129 | 7,222 .0063694 .0795596 0 1

ctry130 | 7,222 .0063694 .0795596 0 1

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ctry131 | 7,222 .0063694 .0795596 0 1

ctry132 | 7,222 .0063694 .0795596 0 1

ctry133 | 7,222 .0063694 .0795596 0 1

ctry134 | 7,222 .0063694 .0795596 0 1

ctry135 | 7,222 .0063694 .0795596 0 1

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ctry136 | 7,222 .0063694 .0795596 0 1

ctry137 | 7,222 .0063694 .0795596 0 1

ctry138 | 7,222 .0063694 .0795596 0 1

ctry139 | 7,222 .0063694 .0795596 0 1

ctry140 | 7,222 .0063694 .0795596 0 1

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ctry141 | 7,222 .0063694 .0795596 0 1

ctry142 | 7,222 .0063694 .0795596 0 1

ctry143 | 7,222 .0063694 .0795596 0 1

ctry144 | 7,222 .0063694 .0795596 0 1

ctry145 | 7,222 .0063694 .0795596 0 1

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ctry146 | 7,222 .0063694 .0795596 0 1

ctry147 | 7,222 .0063694 .0795596 0 1

ctry148 | 7,222 .0063694 .0795596 0 1

ctry149 | 7,222 .0063694 .0795596 0 1

ctry150 | 7,222 .0063694 .0795596 0 1

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ctry151 | 7,222 .0063694 .0795596 0 1

ctry152 | 7,222 .0063694 .0795596 0 1

ctry153 | 7,222 .0063694 .0795596 0 1

ctry154 | 7,222 .0063694 .0795596 0 1

ctry155 | 7,222 .0063694 .0795596 0 1

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ctry156 | 7,222 .0063694 .0795596 0 1

ctry157 | 7,222 .0063694 .0795596 0 1

yr1 | 7,222 .0217391 .1458406 0 1

yr2 | 7,222 .0217391 .1458406 0 1

yr3 | 7,222 .0217391 .1458406 0 1

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yr4 | 7,222 .0217391 .1458406 0 1

yr5 | 7,222 .0217391 .1458406 0 1

yr6 | 7,222 .0217391 .1458406 0 1

yr7 | 7,222 .0217391 .1458406 0 1

yr8 | 7,222 .0217391 .1458406 0 1

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yr9 | 7,222 .0217391 .1458406 0 1

yr10 | 7,222 .0217391 .1458406 0 1

yr11 | 7,222 .0217391 .1458406 0 1

yr12 | 7,222 .0217391 .1458406 0 1

yr13 | 7,222 .0217391 .1458406 0 1

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yr14 | 7,222 .0217391 .1458406 0 1

yr15 | 7,222 .0217391 .1458406 0 1

yr16 | 7,222 .0217391 .1458406 0 1

yr17 | 7,222 .0217391 .1458406 0 1

yr18 | 7,222 .0217391 .1458406 0 1

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yr19 | 7,222 .0217391 .1458406 0 1

yr20 | 7,222 .0217391 .1458406 0 1

yr21 | 7,222 .0217391 .1458406 0 1

yr22 | 7,222 .0217391 .1458406 0 1

yr23 | 7,222 .0217391 .1458406 0 1

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yr24 | 7,222 .0217391 .1458406 0 1

yr25 | 7,222 .0217391 .1458406 0 1

yr26 | 7,222 .0217391 .1458406 0 1

yr27 | 7,222 .0217391 .1458406 0 1

yr28 | 7,222 .0217391 .1458406 0 1

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yr29 | 7,222 .0217391 .1458406 0 1

yr30 | 7,222 .0217391 .1458406 0 1

yr31 | 7,222 .0217391 .1458406 0 1

yr32 | 7,222 .0217391 .1458406 0 1

yr33 | 7,222 .0217391 .1458406 0 1

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yr34 | 7,222 .0217391 .1458406 0 1

yr35 | 7,222 .0217391 .1458406 0 1

yr36 | 7,222 .0217391 .1458406 0 1

yr37 | 7,222 .0217391 .1458406 0 1

yr38 | 7,222 .0217391 .1458406 0 1

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yr39 | 7,222 .0217391 .1458406 0 1

yr40 | 7,222 .0217391 .1458406 0 1

yr41 | 7,222 .0217391 .1458406 0 1

yr42 | 7,222 .0217391 .1458406 0 1

yr43 | 7,222 .0217391 .1458406 0 1

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yr44 | 7,222 .0217391 .1458406 0 1

yr45 | 7,222 .0217391 .1458406 0 1

yr46 | 7,222 .0217391 .1458406 0 1

.

. \*\*\*Diagnostics for reduced data set (1970-2015)

.

. \*\*\* 1. Wald test for joint significance of province and year dummies to ascertain the advisability of including these dummies in the

> regressions

.

. xtpcse wdi\_mortinf lrgdpnapc l1.vdem\_libdem ctry1 ctry2 ctry3 ctry4 ctry5 ctry6 ctry7 ctry8 ctry9 ctry10 ctry11 ctry12 ctry13 ctry14

> ctry15 ctry16 ctry17 ctry18 ctry19 ctry20 ctry21 ctry22 ctry23 ctry24 ctry25 ctry26 ctry27 ctry28 ctry29 ctry30 ctry31 ctry32 ctry33

> ctry34 ctry35 ctry36 ctry37 ctry38 ctry39 ctry40 ctry41 ctry42 ctry43 ctry44 ctry45 ctry46 ctry47 ctry48 ctry49 ctry50 ctry51 ctry52

> ctry53 ctry54 ctry55 ctry56 ctry57 ctry58 ctry59 ctry60 ctry61 ctry62 ctry63 ctry64 ctry65 ctry66 ctry67 ctry68 ctry69 ctry70 ctry71

> ctry72 ctry73 ctry74 ctry75 ctry76 ctry77 ctry78 ctry79 ctry80 ctry81 ctry82 ctry83 ctry84 ctry85 ctry86 ctry87 ctry88 ctry89 ctry90

> ctry91 ctry92 ctry93 ctry94 ctry95 ctry96 ctry97 ctry98 ctry99 ctry100 ctry101 ctry102 ctry103 ctry104 ctry105 ctry106 ctry107 ctry10

> 8 ctry109 ctry110 ctry111 ctry112 ctry113 ctry114 ctry115 ctry116 ctry117 ctry118 ctry119 ctry120 ctry121 ctry122 ctry123 ctry124 ctr

> y125 ctry126 ctry127 ctry128 ctry129 ctry130 ctry131 ctry132 ctry133 ctry134 ctry135 ctry136 ctry137 ctry138 ctry139 ctry140 ctry141

> ctry142 ctry143 ctry144 ctry145 ctry146 ctry147 ctry148 ctry149 ctry150 ctry151 ctry152 ctry153 ctry154 ctry155 ctry156 ctry157 yr1 y

> r2 yr3 yr4 yr5 yr6 yr7 yr8 yr9 yr10 yr11 yr12 yr13 yr14 yr15 yr16 yr17 yr18 yr19 yr20 yr21 yr22 yr23 yr24 yr25 yr26 yr27 yr28 yr29 yr

> 30 yr31 yr32 yr33 yr34 yr35 yr36 yr37 yr38 yr39 yr40 yr41 yr42 yr43 yr44 yr45 yr46

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

note: yr1 omitted because of collinearity

note: yr3 omitted because of collinearity

(note: the number of observations per panel, e(n\_sigma) = 3.038709677419355,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.593548; you may want to consider the pairwise option)

Linear regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,137

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: no autocorrelation min = 3

Sigma computed by casewise selection avg = 39.593548

max = 45

Estimated covariances = 12090 R-squared = 0.9187

Estimated autocorrelations = 0 Wald chi2(76) = 2.84e+11

Estimated coefficients = 201 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

wdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | .9460189 2.478659 0.38 0.703 -3.912063 5.804101

|

vdem\_libdem |

L1. | -11.21418 2.250746 -4.98 0.000 -15.62556 -6.802801

|

ctry1 | 46.89616 5.233205 8.96 0.000 36.63927 57.15306

ctry2 | -33.92969 1.963257 -17.28 0.000 -37.77761 -30.08178

ctry3 | -14.55516 4.101415 -3.55 0.000 -22.59379 -6.51654

ctry4 | 47.20266 6.404598 7.37 0.000 34.64988 59.75544

ctry5 | -8.809404 4.191119 -2.10 0.036 -17.02385 -.5949608

ctry6 | -42.32747 4.949689 -8.55 0.000 -52.02868 -32.62626

ctry7 | -57.9051 7.590743 -7.63 0.000 -72.78268 -43.02752

ctry8 | -57.26044 7.216245 -7.93 0.000 -71.40403 -43.11686

ctry9 | 18.91023 5.064116 3.73 0.000 8.984746 28.83572

ctry10 | -34.20668 1.661452 -20.59 0.000 -37.46307 -30.9503

ctry11 | -48.3817 4.830546 -10.02 0.000 -57.84939 -38.914

ctry12 | -57.73317 7.209752 -8.01 0.000 -71.86403 -43.60232

ctry13 | 9.690207 3.639252 2.66 0.008 2.557404 16.82301

ctry14 | -48.71971 2.246307 -21.69 0.000 -53.12239 -44.31703

ctry15 | -17.29539 3.380303 -5.12 0.000 -23.92066 -10.67012

ctry16 | -18.76068 4.119823 -4.55 0.000 -26.83539 -10.68598

ctry17 | -54.50865 4.820585 -11.31 0.000 -63.95682 -45.06048

ctry18 | 5.671169 1.852083 3.06 0.002 2.041153 9.301186

ctry19 | 31.29542 4.482371 6.98 0.000 22.51014 40.08071

ctry20 | -50.90043 3.039523 -16.75 0.000 -56.85779 -44.94308

ctry21 | 12.85865 4.738167 2.71 0.007 3.572017 22.14529

ctry22 | 22.33757 1.673137 13.35 0.000 19.05828 25.61685

ctry23 | -58.36864 7.604327 -7.68 0.000 -73.27285 -43.46443

ctry24 | -21.5096 1.589119 -13.54 0.000 -24.62422 -18.39499

ctry25 | 42.77353 2.408217 17.76 0.000 38.05351 47.49355

ctry26 | -45.66846 2.117031 -21.57 0.000 -49.81776 -41.51915

ctry27 | 35.74307 2.225105 16.06 0.000 31.38194 40.10419

ctry28 | -47.98377 4.598686 -10.43 0.000 -56.99703 -38.97052

ctry29 | -35.28255 .8275801 -42.63 0.000 -36.90458 -33.66053

ctry30 | -38.26995 3.446644 -11.10 0.000 -45.02525 -31.51466

ctry31 | 19.12834 1.375405 13.91 0.000 16.4326 21.82409

ctry32 | -9.042314 2.08352 -4.34 0.000 -13.12594 -4.958689

ctry33 | 42.11562 2.668681 15.78 0.000 36.88511 47.34614

ctry34 | -47.00192 4.433142 -10.60 0.000 -55.69072 -38.31312

ctry35 | -48.76063 4.353932 -11.20 0.000 -57.29418 -40.22708

ctry36 | -61.00712 3.380125 -18.05 0.000 -67.63204 -54.3822

ctry37 | -53.60202 5.327602 -10.06 0.000 -64.04393 -43.16012

ctry38 | -47.19554 5.334551 -8.85 0.000 -57.65107 -36.74001

ctry39 | 35.001 1.956786 17.89 0.000 31.16577 38.83623

ctry40 | -58.86798 7.789746 -7.56 0.000 -74.1356 -43.60036

ctry41 | -23.6404 2.904722 -8.14 0.000 -29.33355 -17.94725

ctry42 | -24.18471 3.119077 -7.75 0.000 -30.29799 -18.07143

ctry43 | -23.18667 2.459189 -9.43 0.000 -28.00659 -18.36675

ctry44 | 41.50346 6.06711 6.84 0.000 29.61214 53.39477

ctry45 | 17.26878 3.481714 4.96 0.000 10.44475 24.09282

ctry46 | -44.33231 4.710344 -9.41 0.000 -53.56442 -35.10021

ctry47 | -60.31364 7.216608 -8.36 0.000 -74.45793 -46.16935

ctry48 | -58.74696 7.373323 -7.97 0.000 -73.19841 -44.29551

ctry49 | 18.37766 1.308009 14.05 0.000 15.814 20.94131

ctry50 | -11.95111 4.953065 -2.41 0.016 -21.65893 -2.243278

ctry51 | -32.11115 2.070298 -15.51 0.000 -36.16886 -28.05345

ctry52 | 10.1796 2.066613 4.93 0.000 6.129109 14.23008

ctry53 | -48.07764 6.442651 -7.46 0.000 -60.705 -35.45028

ctry54 | 9.843777 1.384381 7.11 0.000 7.130439 12.55711

ctry55 | -56.20384 6.259554 -8.98 0.000 -68.47234 -43.93534

ctry56 | -11.09112 2.453364 -4.52 0.000 -15.89962 -6.28261

ctry57 | 54.31427 5.817643 9.34 0.000 42.9119 65.71664

ctry58 | 26.22188 2.551855 10.28 0.000 21.22033 31.22342

ctry59 | -24.27025 1.301558 -18.65 0.000 -26.82126 -21.71924

ctry60 | -54.5162 5.515907 -9.88 0.000 -65.32718 -43.70522

ctry61 | -61.17241 7.147 -8.56 0.000 -75.18027 -47.16454

ctry62 | 17.63343 3.475231 5.07 0.000 10.8221 24.44475

ctry63 | -12.25633 2.102746 -5.83 0.000 -16.37764 -8.135023

ctry64 | -23.75332 4.482351 -5.30 0.000 -32.53856 -14.96807

ctry65 | -29.00923 4.801112 -6.04 0.000 -38.41924 -19.59923

ctry66 | -58.02913 7.119644 -8.15 0.000 -71.98337 -44.07488

ctry67 | -56.08603 5.877573 -9.54 0.000 -67.60586 -44.5662

ctry68 | -57.50471 7.097781 -8.10 0.000 -71.4161 -43.59331

ctry69 | 33.1728 1.410144 23.52 0.000 30.40897 35.93663

ctry70 | -43.32128 3.857836 -11.23 0.000 -50.8825 -35.76006

ctry71 | -61.25998 7.200522 -8.51 0.000 -75.37274 -47.14721

ctry72 | -29.44186 4.810054 -6.12 0.000 -38.86939 -20.01432

ctry73 | -40.23478 3.530953 -11.39 0.000 -47.15532 -33.31424

ctry74 | -8.397034 .6537512 -12.84 0.000 -9.678363 -7.115706

ctry75 | -29.52838 .8047393 -36.69 0.000 -31.10564 -27.95112

ctry76 | -53.1389 4.803084 -11.06 0.000 -62.55277 -43.72503

ctry77 | -53.75972 8.463515 -6.35 0.000 -70.34791 -37.17154

ctry78 | -21.05543 .8562434 -24.59 0.000 -22.73364 -19.37722

ctry79 | 26.63327 3.503698 7.60 0.000 19.76614 33.50039

ctry80 | -46.10849 3.959525 -11.64 0.000 -53.86902 -38.34797

ctry81 | 17.44154 2.856629 6.11 0.000 11.84265 23.04044

ctry82 | -42.62984 4.097643 -10.40 0.000 -50.66107 -34.59861

ctry83 | 65.44331 8.24172 7.94 0.000 49.28984 81.59679

ctry84 | -36.20224 5.838215 -6.20 0.000 -47.64493 -24.75955

ctry85 | -44.22411 4.308726 -10.26 0.000 -52.66905 -35.77916

ctry86 | 9.821601 2.917539 3.37 0.001 4.103331 15.53987

ctry87 | 48.29161 7.523512 6.42 0.000 33.54579 63.03742

ctry88 | -55.61279 4.35547 -12.77 0.000 -64.14935 -47.07622

ctry89 | 58.83594 4.925052 11.95 0.000 49.18302 68.48887

ctry90 | 0 (omitted)

ctry91 | 5.285432 .9717528 5.44 0.000 3.380831 7.190032

ctry92 | -41.69762 4.078628 -10.22 0.000 -49.69158 -33.70365

ctry93 | -34.84002 4.16797 -8.36 0.000 -43.00909 -26.67095

ctry94 | -3.244702 4.853454 -0.67 0.504 -12.7573 6.267892

ctry95 | -33.47824 1.560837 -21.45 0.000 -36.53743 -30.41906

ctry96 | -41.66733 4.049302 -10.29 0.000 -49.60382 -33.73085

ctry97 | -8.99283 2.40066 -3.75 0.000 -13.69804 -4.287622

ctry98 | 63.19027 7.869623 8.03 0.000 47.76609 78.61445

ctry99 | -44.6049 6.493627 -6.87 0.000 -57.33218 -31.87763

ctry100 | -11.23068 2.426725 -4.63 0.000 -15.98697 -6.474386

ctry101 | 22.00825 5.283355 4.17 0.000 11.65306 32.36343

ctry102 | -59.17074 7.632984 -7.75 0.000 -74.13111 -44.21037

ctry103 | -56.87025 6.949962 -8.18 0.000 -70.49192 -43.24857

ctry104 | -18.20483 2.128834 -8.55 0.000 -22.37727 -14.0324

ctry105 | 39.54637 4.69919 8.42 0.000 30.33612 48.75661

ctry106 | 45.26516 2.881542 15.71 0.000 39.61745 50.91288

ctry107 | -59.93829 8.927347 -6.71 0.000 -77.43557 -42.44101

ctry108 | 30.68284 1.430779 21.44 0.000 27.87856 33.48711

ctry109 | -42.98286 4.164409 -10.32 0.000 -51.14495 -34.82077

ctry110 | -34.81683 2.532007 -13.75 0.000 -39.77948 -29.85419

ctry111 | -18.7842 3.195451 -5.88 0.000 -25.04717 -12.52123

ctry112 | -30.95383 2.315009 -13.37 0.000 -35.49116 -26.41649

ctry113 | -54.6117 5.219178 -10.46 0.000 -64.8411 -44.3823

ctry114 | -52.24216 5.865393 -8.91 0.000 -63.73812 -40.74621

ctry115 | 41.8345 3.908169 10.70 0.000 34.17463 49.49437

ctry116 | -55.9149 10.10682 -5.53 0.000 -75.72391 -36.1059

ctry117 | -49.01725 4.476739 -10.95 0.000 -57.79149 -40.243

ctry118 | -45.13473 4.240575 -10.64 0.000 -53.44611 -36.82336

ctry119 | 28.80511 6.615137 4.35 0.000 15.83968 41.77054

ctry120 | 0 (omitted)

ctry121 | -11.64947 .9582028 -12.16 0.000 -13.52751 -9.771427

ctry122 | -33.65413 7.422486 -4.53 0.000 -48.20193 -19.10632

ctry123 | 7.377655 2.128754 3.47 0.001 3.205373 11.54994

ctry124 | -40.07933 3.589602 -11.17 0.000 -47.11482 -33.04384

ctry125 | -51.61446 4.84166 -10.66 0.000 -61.10393 -42.12498

ctry126 | 76.3527 4.673376 16.34 0.000 67.19305 85.51234

ctry127 | -64.71299 6.932097 -9.34 0.000 -78.29965 -51.12633

ctry128 | -44.51423 4.708686 -9.45 0.000 -53.74309 -35.28538

ctry129 | -48.87702 5.089484 -9.60 0.000 -58.85223 -38.90182

ctry130 | -16.60228 3.785907 -4.39 0.000 -24.02252 -9.182037

ctry131 | -11.40496 1.80862 -6.31 0.000 -14.94979 -7.860128

ctry132 | -59.11942 6.682674 -8.85 0.000 -72.21723 -46.02162

ctry133 | 0 (omitted)

ctry134 | .3477985 2.296977 0.15 0.880 -4.154194 4.849791

ctry135 | -60.11462 7.566394 -7.94 0.000 -74.94448 -45.28477

ctry136 | -59.53031 8.568677 -6.95 0.000 -76.32461 -42.73601

ctry137 | -41.13512 2.022543 -20.34 0.000 -45.09923 -37.17101

ctry138 | 4.634449 2.273002 2.04 0.041 .1794479 9.08945

ctry139 | -39.52959 2.674533 -14.78 0.000 -44.77158 -34.2876

ctry140 | 16.06319 1.528981 10.51 0.000 13.06645 19.05994

ctry141 | -39.86865 5.411086 -7.37 0.000 -50.47418 -29.26311

ctry142 | -25.97173 2.51431 -10.33 0.000 -30.89969 -21.04378

ctry143 | -14.74519 4.797019 -3.07 0.002 -24.14718 -5.343207

ctry144 | .3114794 3.142402 0.10 0.921 -5.847515 6.470474

ctry145 | 25.5259 4.580287 5.57 0.000 16.5487 34.5031

ctry146 | -43.07445 2.623393 -16.42 0.000 -48.21621 -37.9327

ctry147 | -41.8067 2.972035 -14.07 0.000 -47.63178 -35.98162

ctry148 | -2.863609 4.392591 -0.65 0.514 -11.47293 5.74571

ctry149 | -57.61937 7.09988 -8.12 0.000 -71.53488 -43.70386

ctry150 | 20.81999 3.36013 6.20 0.000 14.23425 27.40572

ctry151 | -56.59015 7.910752 -7.15 0.000 -72.09493 -41.08536

ctry152 | 28.31861 3.181338 8.90 0.000 22.0833 34.55392

ctry153 | -44.20598 4.567742 -9.68 0.000 -53.15859 -35.25337

ctry154 | -15.92617 2.710975 -5.87 0.000 -21.23959 -10.61276

ctry155 | -43.38832 5.225322 -8.30 0.000 -53.62977 -33.14688

ctry156 | 2.70846 1.797142 1.51 0.132 -.8138734 6.230793

ctry157 | 18.95486 2.333549 8.12 0.000 14.38119 23.52853

yr1 | 0 (omitted)

yr2 | 1.674624 1.486359 1.13 0.260 -1.238586 4.587833

yr3 | 0 (omitted)

yr4 | -1.776349 1.15132 -1.54 0.123 -4.032895 .4801978

yr5 | -4.122188 1.468987 -2.81 0.005 -7.00135 -1.243026

yr6 | -5.634096 1.263904 -4.46 0.000 -8.111303 -3.156889

yr7 | -8.123761 1.257849 -6.46 0.000 -10.5891 -5.658423

yr8 | -10.24738 1.344868 -7.62 0.000 -12.88328 -7.611491

yr9 | -11.87367 1.079516 -11.00 0.000 -13.98949 -9.757862

yr10 | -14.02857 .9593425 -14.62 0.000 -15.90884 -12.14829

yr11 | -16.05834 .9179546 -17.49 0.000 -17.8575 -14.25918

yr12 | -17.99314 .9166338 -19.63 0.000 -19.78971 -16.19657

yr13 | -19.9038 .9146586 -21.76 0.000 -21.6965 -18.1111

yr14 | -21.53002 .9321988 -23.10 0.000 -23.3571 -19.70295

yr15 | -23.16641 .9353556 -24.77 0.000 -24.99968 -21.33315

yr16 | -24.69811 .9933943 -24.86 0.000 -26.64513 -22.7511

yr17 | -26.05875 .9974956 -26.12 0.000 -28.01381 -24.1037

yr18 | -27.36564 1.003104 -27.28 0.000 -29.33169 -25.39959

yr19 | -28.58163 1.008073 -28.35 0.000 -30.55742 -26.60584

yr20 | -29.72598 1.014297 -29.31 0.000 -31.71397 -27.738

yr21 | -30.75289 1.024686 -30.01 0.000 -32.76124 -28.74454

yr22 | -31.39058 1.042597 -30.11 0.000 -33.43403 -29.34712

yr23 | -32.24856 .9926512 -32.49 0.000 -34.19412 -30.303

yr24 | -33.0425 .9596157 -34.43 0.000 -34.92332 -31.16169

yr25 | -33.55655 .9530982 -35.21 0.000 -35.42459 -31.68851

yr26 | -34.52847 .9495019 -36.36 0.000 -36.38946 -32.66748

yr27 | -35.48668 .9619123 -36.89 0.000 -37.37199 -33.60137

yr28 | -36.48742 .9835874 -37.10 0.000 -38.41521 -34.55962

yr29 | -37.57053 .9972655 -37.67 0.000 -39.52514 -35.61593

yr30 | -38.8498 1.014261 -38.30 0.000 -40.83771 -36.86188

yr31 | -40.21276 1.039897 -38.67 0.000 -42.25092 -38.1746

yr32 | -41.64878 1.065693 -39.08 0.000 -43.7375 -39.56006

yr33 | -43.10542 1.098716 -39.23 0.000 -45.25886 -40.95198

yr34 | -44.48877 1.135439 -39.18 0.000 -46.71419 -42.26335

yr35 | -45.91029 1.198812 -38.30 0.000 -48.25992 -43.56066

yr36 | -47.34174 1.259866 -37.58 0.000 -49.81103 -44.87245

yr37 | -48.68959 1.338355 -36.38 0.000 -51.31272 -46.06646

yr38 | -49.96245 1.419547 -35.20 0.000 -52.74471 -47.18019

yr39 | -51.09782 1.471187 -34.73 0.000 -53.9813 -48.21435

yr40 | -52.23818 1.448632 -36.06 0.000 -55.07745 -49.39892

yr41 | -53.19955 1.504027 -35.37 0.000 -56.14739 -50.25171

yr42 | -54.40624 1.542344 -35.28 0.000 -57.42918 -51.3833

yr43 | -55.29027 1.594799 -34.67 0.000 -58.41602 -52.16452

yr44 | -56.16962 1.625485 -34.56 0.000 -59.35552 -52.98373

yr45 | -57.14002 1.655532 -34.51 0.000 -60.3848 -53.89523

yr46 | -57.95346 1.675054 -34.60 0.000 -61.2365 -54.67041

\_cons | 97.15138 18.94559 5.13 0.000 60.01872 134.284

------------------------------------------------------------------------------

. test ctry1 ctry2 ctry3 ctry4 ctry5 ctry6 ctry7 ctry8 ctry9 ctry10 ctry11 ctry12 ctry13 ctry14 ctry15 ctry16 ctry17 ctry18 ctry19 ctry

> 20 ctry21 ctry22 ctry23 ctry24 ctry25 ctry26 ctry27 ctry28 ctry29 ctry30 ctry31 ctry32 ctry33 ctry34 ctry35 ctry36 ctry37 ctry38 ctry

> 39 ctry40 ctry41 ctry42 ctry43 ctry44 ctry45 ctry46 ctry47 ctry48 ctry49 ctry50 ctry51 ctry52 ctry53 ctry54 ctry55 ctry56 ctry57 ctry

> 58 ctry59 ctry60 ctry61 ctry62 ctry63 ctry64 ctry65 ctry66 ctry67 ctry68 ctry69 ctry70 ctry71 ctry72 ctry73 ctry74 ctry75 ctry76 ctry

> 77 ctry78 ctry79 ctry80 ctry81 ctry82 ctry83 ctry84 ctry85 ctry86 ctry87 ctry88 ctry89 ctry90 ctry91 ctry92 ctry93 ctry94 ctry95 ctry

> 96 ctry97 ctry98 ctry99 ctry100 ctry101 ctry102 ctry103 ctry104 ctry105 ctry106 ctry107 ctry108 ctry109 ctry110 ctry111 ctry112 ctry1

> 13 ctry114 ctry115 ctry116 ctry117 ctry118 ctry119 ctry120 ctry121 ctry122 ctry123 ctry124 ctry125 ctry126 ctry127 ctry128 ctry129 ct

> ry130 ctry131 ctry132 ctry133 ctry134 ctry135 ctry136 ctry137 ctry138 ctry139 ctry140 ctry141 ctry142 ctry143 ctry144 ctry145 ctry146

> ctry147 ctry148 ctry149 ctry150 ctry151 ctry152 ctry153 ctry154 ctry155 ctry156 ctry157 yr1 yr2 yr3 yr4 yr5 yr6 yr7 yr8 yr9 yr10 yr1

> 1 yr12 yr13 yr14 yr15 yr16 yr17 yr18 yr19 yr20 yr21 yr22 yr23 yr24 yr25 yr26 yr27 yr28 yr29 yr30 yr31 yr32 yr33 yr34 yr35 yr36 yr37 y

> r38 yr39 yr40 yr41 yr42 yr43 yr44 yr45 yr46

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(103) ctry103 = 0

(104) ctry104 = 0

(105) ctry105 = 0

(106) ctry106 = 0

(107) ctry107 = 0

(108) ctry108 = 0

(109) ctry109 = 0

(110) ctry110 = 0

(111) ctry111 = 0

(112) ctry112 = 0

(113) ctry113 = 0

(114) ctry114 = 0

(115) ctry115 = 0

(116) ctry116 = 0

(117) ctry117 = 0

(118) ctry118 = 0

(119) ctry119 = 0

(120) o.ctry120 = 0

(121) ctry121 = 0

(122) ctry122 = 0

(123) ctry123 = 0

(124) ctry124 = 0

(125) ctry125 = 0

(126) ctry126 = 0

(127) ctry127 = 0

(128) ctry128 = 0

(129) ctry129 = 0

(130) ctry130 = 0

(131) ctry131 = 0

(132) ctry132 = 0

(133) o.ctry133 = 0

(134) ctry134 = 0

(135) ctry135 = 0

(136) ctry136 = 0

(137) ctry137 = 0

(138) ctry138 = 0

(139) ctry139 = 0

(140) ctry140 = 0

(141) ctry141 = 0

(142) ctry142 = 0

(143) ctry143 = 0

(144) ctry144 = 0

(145) ctry145 = 0

(146) ctry146 = 0

(147) ctry147 = 0

(148) ctry148 = 0

(149) ctry149 = 0

(150) ctry150 = 0

(151) ctry151 = 0

(152) ctry152 = 0

(153) ctry153 = 0

(154) ctry154 = 0

(155) ctry155 = 0

(156) ctry156 = 0

(157) ctry157 = 0

(158) o.yr1 = 0

(159) yr2 = 0

(160) o.yr3 = 0

(161) yr4 = 0

(162) yr5 = 0

(163) yr6 = 0

(164) yr7 = 0

(165) yr8 = 0

(166) yr9 = 0

(167) yr10 = 0

(168) yr11 = 0

(169) yr12 = 0

(170) yr13 = 0

(171) yr14 = 0

(172) yr15 = 0

(173) yr16 = 0

(174) yr17 = 0

(175) yr18 = 0

(176) yr19 = 0

(177) yr20 = 0

(178) yr21 = 0

(179) yr22 = 0

(180) yr23 = 0

(181) yr24 = 0

(182) yr25 = 0

(183) yr26 = 0

(184) yr27 = 0

(185) yr28 = 0

(186) yr29 = 0

(187) yr30 = 0

(188) yr31 = 0

(189) yr32 = 0

(190) yr33 = 0

(191) yr34 = 0

(192) yr35 = 0

(193) yr36 = 0

(194) yr37 = 0

(195) yr38 = 0

(196) yr39 = 0

(197) yr40 = 0

(198) yr41 = 0

(199) yr42 = 0

(200) yr43 = 0

(201) yr44 = 0

(202) yr45 = 0

(203) yr46 = 0

Constraint 1 dropped

Constraint 2 dropped

Constraint 3 dropped

Constraint 5 dropped

Constraint 6 dropped

Constraint 7 dropped

Constraint 8 dropped

Constraint 10 dropped

Constraint 11 dropped

Constraint 12 dropped

Constraint 13 dropped

Constraint 15 dropped

Constraint 16 dropped

Constraint 17 dropped

Constraint 18 dropped

Constraint 19 dropped

Constraint 20 dropped

Constraint 22 dropped

Constraint 23 dropped

Constraint 24 dropped

Constraint 25 dropped

Constraint 26 dropped

Constraint 28 dropped

Constraint 29 dropped

Constraint 30 dropped

Constraint 32 dropped

Constraint 33 dropped

Constraint 34 dropped

Constraint 36 dropped

Constraint 38 dropped

Constraint 39 dropped

Constraint 40 dropped

Constraint 41 dropped

Constraint 42 dropped

Constraint 43 dropped

Constraint 46 dropped

Constraint 47 dropped

Constraint 48 dropped

Constraint 49 dropped

Constraint 52 dropped

Constraint 54 dropped

Constraint 55 dropped

Constraint 56 dropped

Constraint 57 dropped

Constraint 58 dropped

Constraint 59 dropped

Constraint 60 dropped

Constraint 61 dropped

Constraint 62 dropped

Constraint 63 dropped

Constraint 64 dropped

Constraint 65 dropped

Constraint 66 dropped

Constraint 67 dropped

Constraint 68 dropped

Constraint 69 dropped

Constraint 70 dropped

Constraint 71 dropped

Constraint 72 dropped

Constraint 73 dropped

Constraint 74 dropped

Constraint 76 dropped

Constraint 77 dropped

Constraint 78 dropped

Constraint 80 dropped

Constraint 82 dropped

Constraint 84 dropped

Constraint 85 dropped

Constraint 86 dropped

Constraint 87 dropped

Constraint 88 dropped

Constraint 89 dropped

Constraint 90 dropped

Constraint 91 dropped

Constraint 92 dropped

Constraint 93 dropped

Constraint 95 dropped

Constraint 97 dropped

Constraint 102 dropped

Constraint 103 dropped

Constraint 104 dropped

Constraint 105 dropped

Constraint 106 dropped

Constraint 107 dropped

Constraint 109 dropped

Constraint 110 dropped

Constraint 111 dropped

Constraint 112 dropped

Constraint 113 dropped

Constraint 114 dropped

Constraint 117 dropped

Constraint 118 dropped

Constraint 119 dropped

Constraint 120 dropped

Constraint 122 dropped

Constraint 123 dropped

Constraint 126 dropped

Constraint 127 dropped

Constraint 132 dropped

Constraint 133 dropped

Constraint 134 dropped

Constraint 136 dropped

Constraint 137 dropped

Constraint 138 dropped

Constraint 139 dropped

Constraint 140 dropped

Constraint 141 dropped

Constraint 142 dropped

Constraint 143 dropped

Constraint 144 dropped

Constraint 145 dropped

Constraint 148 dropped

Constraint 149 dropped

Constraint 150 dropped

Constraint 151 dropped

Constraint 152 dropped

Constraint 153 dropped

Constraint 154 dropped

Constraint 155 dropped

Constraint 157 dropped

Constraint 158 dropped

Constraint 160 dropped

Constraint 181 dropped

Constraint 198 dropped

Constraint 201 dropped

Constraint 202 dropped

Constraint 203 dropped

chi2( 76) = 3.3e+11

Prob > chi2 = 0.0000

. xtpcse lwdi\_mortinf lrgdpnapc l1.vdem\_libdem lrgdpnapc l1.vdem\_libdem ctry1 ctry2 ctry3 ctry4 ctry5 ctry6 ctry7 ctry8 ctry9 ctry10 ct

> ry11 ctry12 ctry13 ctry14 ctry15 ctry16 ctry17 ctry18 ctry19 ctry20 ctry21 ctry22 ctry23 ctry24 ctry25 ctry26 ctry27 ctry28 ctry29 ct

> ry30 ctry31 ctry32 ctry33 ctry34 ctry35 ctry36 ctry37 ctry38 ctry39 ctry40 ctry41 ctry42 ctry43 ctry44 ctry45 ctry46 ctry47 ctry48 ct

> ry49 ctry50 ctry51 ctry52 ctry53 ctry54 ctry55 ctry56 ctry57 ctry58 ctry59 ctry60 ctry61 ctry62 ctry63 ctry64 ctry65 ctry66 ctry67 ct

> ry68 ctry69 ctry70 ctry71 ctry72 ctry73 ctry74 ctry75 ctry76 ctry77 ctry78 ctry79 ctry80 ctry81 ctry82 ctry83 ctry84 ctry85 ctry86 ct

> ry87 ctry88 ctry89 ctry90 ctry91 ctry92 ctry93 ctry94 ctry95 ctry96 ctry97 ctry98 ctry99 ctry100 ctry101 ctry102 ctry103 ctry104 ctry

> 105 ctry106 ctry107 ctry108 ctry109 ctry110 ctry111 ctry112 ctry113 ctry114 ctry115 ctry116 ctry117 ctry118 ctry119 ctry120 ctry121 c

> try122 ctry123 ctry124 ctry125 ctry126 ctry127 ctry128 ctry129 ctry130 ctry131 ctry132 ctry133 ctry134 ctry135 ctry136 ctry137 ctry13

> 8 ctry139 ctry140 ctry141 ctry142 ctry143 ctry144 ctry145 ctry146 ctry147 ctry148 ctry149 ctry150 ctry151 ctry152 ctry153 ctry154 ctr

> y155 ctry156 ctry157 yr1 yr2 yr3 yr4 yr5 yr6 yr7 yr8 yr9 yr10 yr11 yr12 yr13 yr14 yr15 yr16 yr17 yr18 yr19 yr20 yr21 yr22 yr23 yr24 y

> r25 yr26 yr27 yr28 yr29 yr30 yr31 yr32 yr33 yr34 yr35 yr36 yr37 yr38 yr39 yr40 yr41 yr42 yr43 yr44 yr45 yr46

note: lrgdpnapc omitted because of collinearity

note: L.vdem\_libdem omitted because of collinearity

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

note: yr1 omitted because of collinearity

note: yr3 omitted because of collinearity

(note: the number of observations per panel, e(n\_sigma) = 3.038709677419355,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.593548; you may want to consider the pairwise option)

Linear regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,137

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: no autocorrelation min = 3

Sigma computed by casewise selection avg = 39.593548

max = 45

Estimated covariances = 12090 R-squared = 0.9743

Estimated autocorrelations = 0 Wald chi2(76) = 1.01e+10

Estimated coefficients = 201 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

lwdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.2422075 .0060031 -40.35 0.000 -.2539732 -.2304417

|

vdem\_libdem |

L1. | -.1391515 .0394874 -3.52 0.000 -.2165454 -.0617576

|

lrgdpnapc | 0 (omitted)

|

vdem\_libdem |

L1. | 0 (omitted)

|

ctry1 | .0475552 .0105259 4.52 0.000 .0269249 .0681855

ctry2 | -.9249754 .0154153 -60.00 0.000 -.9551888 -.894762

ctry3 | -.3256008 .0189214 -17.21 0.000 -.3626861 -.2885154

ctry4 | .4345484 .011741 37.01 0.000 .4115364 .4575604

ctry5 | -.0951514 .0095626 -9.95 0.000 -.1138939 -.076409

ctry6 | -.9170703 .0267567 -34.27 0.000 -.9695125 -.8646282

ctry7 | -1.877808 .0394588 -47.59 0.000 -1.955146 -1.80047

ctry8 | -1.860987 .0449048 -41.44 0.000 -1.948999 -1.772975

ctry9 | -.2598653 .0248719 -10.45 0.000 -.3086133 -.2111172

ctry10 | -.9515689 .0141028 -67.47 0.000 -.9792098 -.9239279

ctry11 | -1.281848 .0518969 -24.70 0.000 -1.383564 -1.180132

ctry12 | -1.89556 .0393181 -48.21 0.000 -1.972622 -1.818498

ctry13 | -.1171021 .023173 -5.05 0.000 -.1625204 -.0716839

ctry14 | -1.935709 .0128406 -150.75 0.000 -1.960876 -1.910542

ctry15 | -.3490198 .0775032 -4.50 0.000 -.5009232 -.1971163

ctry16 | -.4043277 .0517091 -7.82 0.000 -.5056757 -.3029796

ctry17 | -1.481373 .0230877 -64.16 0.000 -1.526624 -1.436122

ctry18 | -.3820173 .0562107 -6.80 0.000 -.4921881 -.2718464

ctry19 | -.2417827 .0136897 -17.66 0.000 -.268614 -.2149515

ctry20 | -1.953742 .0689128 -28.35 0.000 -2.088808 -1.818675

ctry21 | -.3732683 .0240412 -15.53 0.000 -.4203882 -.3261484

ctry22 | -.022096 .0261811 -0.84 0.399 -.07341 .029218

ctry23 | -1.866238 .0534491 -34.92 0.000 -1.970996 -1.76148

ctry24 | -.6922015 .0274019 -25.26 0.000 -.7459082 -.6384948

ctry25 | -.0406871 .046329 -0.88 0.380 -.1314904 .0501161

ctry26 | -1.399504 .0172655 -81.06 0.000 -1.433344 -1.365664

ctry27 | -.1054144 .0766765 -1.37 0.169 -.2556976 .0448688

ctry28 | -1.401193 .0276542 -50.67 0.000 -1.455394 -1.346992

ctry29 | -1.025088 .036964 -27.73 0.000 -1.097536 -.9526397

ctry30 | -.8990876 .0219611 -40.94 0.000 -.9421305 -.8560447

ctry31 | -.1618532 .0409078 -3.96 0.000 -.242031 -.0816754

ctry32 | -.2301416 .0327797 -7.02 0.000 -.2943887 -.1658945

ctry33 | -.0544457 .0288467 -1.89 0.059 -.1109842 .0020928

ctry34 | -1.439256 .0397599 -36.20 0.000 -1.517184 -1.361328

ctry35 | -1.907806 .0218194 -87.44 0.000 -1.950571 -1.865041

ctry36 | -2.076382 .0202298 -102.64 0.000 -2.116032 -2.036732

ctry37 | -1.960804 .0788933 -24.85 0.000 -2.115432 -1.806176

ctry38 | -2.255929 .0331779 -68.00 0.000 -2.320957 -2.190902

ctry39 | -.0241641 .0467627 -0.52 0.605 -.1158173 .0674891

ctry40 | -2.016891 .0462742 -43.59 0.000 -2.107587 -1.926195

ctry41 | -.5016036 .0477576 -10.50 0.000 -.5952068 -.4080004

ctry42 | -.5529525 .0215482 -25.66 0.000 -.5951862 -.5107188

ctry43 | -.6616702 .0477875 -13.85 0.000 -.7553319 -.5680085

ctry44 | .6324562 .0658115 9.61 0.000 .503468 .7614444

ctry45 | -.2189894 .0128774 -17.01 0.000 -.2442286 -.1937502

ctry46 | -1.865425 .0864195 -21.59 0.000 -2.034804 -1.696046

ctry47 | -2.322046 .0435437 -53.33 0.000 -2.40739 -2.236702

ctry48 | -2.021842 .0390366 -51.79 0.000 -2.098353 -1.945332

ctry49 | -.0462468 .0320701 -1.44 0.149 -.1091029 .0166094

ctry50 | .0507755 .026799 1.89 0.058 -.0017496 .1033006

ctry51 | -.8918078 .0495034 -18.02 0.000 -.9888327 -.7947829

ctry52 | -.3089038 .0188737 -16.37 0.000 -.3458955 -.2719121

ctry53 | -2.051821 .0498406 -41.17 0.000 -2.149507 -1.954136

ctry54 | -.2407202 .0424586 -5.67 0.000 -.3239374 -.1575029

ctry55 | -1.850285 .0563418 -32.84 0.000 -1.960713 -1.739857

ctry56 | -.3536084 .015524 -22.78 0.000 -.3840348 -.3231819

ctry57 | .0362806 .010707 3.39 0.001 .0152953 .0572659

ctry58 | -.0728226 .013839 -5.26 0.000 -.0999465 -.0456986

ctry59 | -.7392903 .0281998 -26.22 0.000 -.7945609 -.6840197

ctry60 | -1.538054 .043867 -35.06 0.000 -1.624031 -1.452076

ctry61 | -2.41164 .04978 -48.45 0.000 -2.509207 -2.314073

ctry62 | -.173288 .0306528 -5.65 0.000 -.2333664 -.1132097

ctry63 | -.4119678 .0140667 -29.29 0.000 -.4395379 -.3843976

ctry64 | -.4631816 .0560368 -8.27 0.000 -.5730118 -.3533514

ctry65 | -.3726828 .0306894 -12.14 0.000 -.4328328 -.3125328

ctry66 | -1.904173 .0366842 -51.91 0.000 -1.976073 -1.832273

ctry67 | -1.874281 .0441701 -42.43 0.000 -1.960853 -1.787709

ctry68 | -1.860051 .0515324 -36.09 0.000 -1.961053 -1.75905

ctry69 | .1590263 .0381012 4.17 0.000 .0843494 .2337032

ctry70 | -1.091606 .0306791 -35.58 0.000 -1.151735 -1.031476

ctry71 | -2.385485 .0386747 -61.68 0.000 -2.461286 -2.309684

ctry72 | -.5091207 .0742721 -6.85 0.000 -.6546913 -.3635501

ctry73 | -.8650591 .0196768 -43.96 0.000 -.903625 -.8264933

ctry74 | -.4422599 .0365476 -12.10 0.000 -.5138919 -.3706279

ctry75 | -.979943 .0397367 -24.66 0.000 -1.057826 -.9020604

ctry76 | -1.693195 .0629952 -26.88 0.000 -1.816664 -1.569727

ctry77 | -.9624085 .0259972 -37.02 0.000 -1.013362 -.9114549

ctry78 | -.611608 .020473 -29.87 0.000 -.6517343 -.5714818

ctry79 | .0202538 .0310568 0.65 0.514 -.0406164 .081124

ctry80 | -1.108435 .0573936 -19.31 0.000 -1.220924 -.9959452

ctry81 | -.2380067 .1050845 -2.26 0.024 -.4439685 -.032045

ctry82 | -1.531702 .0509797 -30.05 0.000 -1.631621 -1.431784

ctry83 | .0017744 .0235799 0.08 0.940 -.0444415 .0479902

ctry84 | -.5264932 .0850775 -6.19 0.000 -.6932419 -.3597444

ctry85 | -1.762792 .0379469 -46.45 0.000 -1.837166 -1.688417

ctry86 | -.3237079 .0247171 -13.10 0.000 -.3721526 -.2752632

ctry87 | -.1065827 .0343693 -3.10 0.002 -.1739453 -.0392201

ctry88 | -1.581307 .0241324 -65.53 0.000 -1.628606 -1.534008

ctry89 | .0755669 .0312045 2.42 0.015 .0144073 .1367266

ctry90 | 0 (omitted)

ctry91 | -.2166308 .0628911 -3.44 0.001 -.3398951 -.0933664

ctry92 | -1.095297 .0522301 -20.97 0.000 -1.197666 -.992928

ctry93 | -.7039507 .0276941 -25.42 0.000 -.7582301 -.6496713

ctry94 | -.2540586 .0628169 -4.04 0.000 -.3771775 -.1309397

ctry95 | -1.110486 .027449 -40.46 0.000 -1.164285 -1.056687

ctry96 | -1.816993 .0652326 -27.85 0.000 -1.944846 -1.689139

ctry97 | -.3829102 .012747 -30.04 0.000 -.4078937 -.3579266

ctry98 | -.0368351 .0137193 -2.68 0.007 -.0637244 -.0099458

ctry99 | -1.050579 .0222175 -47.29 0.000 -1.094124 -1.007033

ctry100 | -.1841664 .0515308 -3.57 0.000 -.2851648 -.083168

ctry101 | -.2921643 .0290569 -10.05 0.000 -.3491148 -.2352137

ctry102 | -2.001284 .0413969 -48.34 0.000 -2.08242 -1.920147

ctry103 | -1.782075 .0422219 -42.21 0.000 -1.864829 -1.699322

ctry104 | -.602551 .0432718 -13.92 0.000 -.6873621 -.5177399

ctry105 | -.1386149 .0159716 -8.68 0.000 -.1699186 -.1073111

ctry106 | .2638306 .0461604 5.72 0.000 .1733579 .3543034

ctry107 | -2.009056 .0471319 -42.63 0.000 -2.101433 -1.916679

ctry108 | .1191593 .0551765 2.16 0.031 .0110154 .2273032

ctry109 | -.9594583 .0493046 -19.46 0.000 -1.056094 -.862823

ctry110 | -.8291215 .0247508 -33.50 0.000 -.8776322 -.7806108

ctry111 | -.541663 .0616819 -8.78 0.000 -.6625572 -.4207688

ctry112 | -.7702836 .0411505 -18.72 0.000 -.8509371 -.6896301

ctry113 | -1.623639 .0392437 -41.37 0.000 -1.700555 -1.546722

ctry114 | -1.721505 .0786498 -21.89 0.000 -1.875656 -1.567354

ctry115 | .1099951 .0106965 10.28 0.000 .0890304 .1309598

ctry116 | -.8143368 .0307612 -26.47 0.000 -.8746277 -.7540459

ctry117 | -1.152887 .0262225 -43.97 0.000 -1.204282 -1.101491

ctry118 | -1.242148 .036983 -33.59 0.000 -1.314633 -1.169662

ctry119 | -.2758283 .0423641 -6.51 0.000 -.3588604 -.1927963

ctry120 | 0 (omitted)

ctry121 | -.4775583 .0188988 -25.27 0.000 -.5145993 -.4405173

ctry122 | -.3884161 .055085 -7.05 0.000 -.4963808 -.2804514

ctry123 | -.3094293 .0203042 -15.24 0.000 -.3492247 -.2696338

ctry124 | -1.735195 .0231819 -74.85 0.000 -1.780631 -1.689759

ctry125 | -1.306563 .0845944 -15.45 0.000 -1.472365 -1.140761

ctry126 | .2885102 .0378372 7.63 0.000 .2143506 .3626697

ctry127 | -2.271979 .0257548 -88.22 0.000 -2.322458 -2.221501

ctry128 | -1.715727 .0352881 -48.62 0.000 -1.784891 -1.646564

ctry129 | -2.303167 .0522655 -44.07 0.000 -2.405605 -2.200729

ctry130 | -.2299347 .0581044 -3.96 0.000 -.3438173 -.1160521

ctry131 | -.526721 .0464039 -11.35 0.000 -.617671 -.435771

ctry132 | -2.048574 .0384189 -53.32 0.000 -2.123874 -1.973274

ctry133 | 0 (omitted)

ctry134 | -.1027079 .0691828 -1.48 0.138 -.2383036 .0328878

ctry135 | -2.293038 .0405979 -56.48 0.000 -2.372608 -2.213467

ctry136 | -1.919197 .047907 -40.06 0.000 -2.013093 -1.825301

ctry137 | -1.085387 .018824 -57.66 0.000 -1.122282 -1.048493

ctry138 | -.1711962 .0065889 -25.98 0.000 -.1841103 -.1582822

ctry139 | -1.005857 .0175002 -57.48 0.000 -1.040156 -.9715571

ctry140 | -.2435194 .0279747 -8.70 0.000 -.2983488 -.1886901

ctry141 | -.748468 .0628697 -11.91 0.000 -.8716904 -.6252456

ctry142 | -.7030548 .0413973 -16.98 0.000 -.7841921 -.6219175

ctry143 | -.369669 .0785642 -4.71 0.000 -.5236521 -.2156859

ctry144 | .1327721 .0582961 2.28 0.023 .0185139 .2470304

ctry145 | -.2101862 .0134694 -15.60 0.000 -.2365857 -.1837868

ctry146 | -1.364311 .0208368 -65.48 0.000 -1.405151 -1.323472

ctry147 | -1.314511 .0315475 -41.67 0.000 -1.376343 -1.252679

ctry148 | -.2694059 .0401993 -6.70 0.000 -.3481951 -.1906168

ctry149 | -1.866872 .0373563 -49.97 0.000 -1.940089 -1.793655

ctry150 | -.1773078 .016325 -10.86 0.000 -.2093043 -.1453113

ctry151 | -1.583101 .053406 -29.64 0.000 -1.687775 -1.478427

ctry152 | -.2159373 .0365519 -5.91 0.000 -.2875777 -.1442968

ctry153 | -1.130854 .0323817 -34.92 0.000 -1.194321 -1.067387

ctry154 | -.346958 .0191563 -18.11 0.000 -.3845037 -.3094124

ctry155 | -.8687716 .0313304 -27.73 0.000 -.930178 -.8073652

ctry156 | -.0480006 .0104768 -4.58 0.000 -.0685347 -.0274664

ctry157 | -.0709548 .0230773 -3.07 0.002 -.1161854 -.0257242

yr1 | 0 (omitted)

yr2 | .0259506 .0214851 1.21 0.227 -.0161593 .0680606

yr3 | 0 (omitted)

yr4 | -.0248142 .0234829 -1.06 0.291 -.0708398 .0212115

yr5 | -.0367429 .0226841 -1.62 0.105 -.081203 .0077172

yr6 | -.0717604 .021777 -3.30 0.001 -.1144425 -.0290782

yr7 | -.1079787 .0218594 -4.94 0.000 -.1508223 -.065135

yr8 | -.1438079 .0262882 -5.47 0.000 -.1953317 -.092284

yr9 | -.178778 .0258055 -6.93 0.000 -.2293558 -.1282003

yr10 | -.2128826 .0227381 -9.36 0.000 -.2574485 -.1683167

yr11 | -.251662 .0228867 -11.00 0.000 -.2965191 -.2068048

yr12 | -.2884709 .0229148 -12.59 0.000 -.3333831 -.2435588

yr13 | -.3271177 .0229219 -14.27 0.000 -.3720437 -.2821916

yr14 | -.3681179 .0248652 -14.80 0.000 -.4168528 -.319383

yr15 | -.3990815 .0249489 -16.00 0.000 -.4479804 -.3501826

yr16 | -.4331496 .0236218 -18.34 0.000 -.4794474 -.3868517

yr17 | -.461772 .0237097 -19.48 0.000 -.5082421 -.4153018

yr18 | -.4905227 .023843 -20.57 0.000 -.5372542 -.4437912

yr19 | -.5173111 .0238973 -21.65 0.000 -.564149 -.4704733

yr20 | -.5452501 .0239125 -22.80 0.000 -.5921177 -.4983825

yr21 | -.5731917 .0240547 -23.83 0.000 -.620338 -.5260453

yr22 | -.6038328 .0257043 -23.49 0.000 -.6542123 -.5534534

yr23 | -.6254982 .0253554 -24.67 0.000 -.6751938 -.5758026

yr24 | -.6420804 .0205678 -31.22 0.000 -.6823926 -.6017682

yr25 | -.6622409 .0208311 -31.79 0.000 -.7030691 -.6214126

yr26 | -.6866233 .0209428 -32.79 0.000 -.7276705 -.6455761

yr27 | -.7098792 .0210688 -33.69 0.000 -.7511734 -.668585

yr28 | -.7327445 .0211275 -34.68 0.000 -.7741536 -.6913354

yr29 | -.759908 .0211551 -35.92 0.000 -.8013712 -.7184448

yr30 | -.7912736 .0212219 -37.29 0.000 -.8328677 -.7496795

yr31 | -.820863 .0212678 -38.60 0.000 -.8625471 -.7791789

yr32 | -.8517525 .0214867 -39.64 0.000 -.8938656 -.8096395

yr33 | -.8840445 .0215916 -40.94 0.000 -.9263632 -.8417258

yr34 | -.9165699 .0217678 -42.11 0.000 -.959234 -.8739059

yr35 | -.9436995 .0218286 -43.23 0.000 -.9864828 -.9009163

yr36 | -.976269 .0219341 -44.51 0.000 -1.019259 -.9332789

yr37 | -1.004621 .022072 -45.52 0.000 -1.047881 -.9613607

yr38 | -1.031336 .0221357 -46.59 0.000 -1.074721 -.9879503

yr39 | -1.063041 .0221823 -47.92 0.000 -1.106517 -1.019564

yr40 | -1.103548 .0222082 -49.69 0.000 -1.147075 -1.060021

yr41 | -1.132601 .0222043 -51.01 0.000 -1.17612 -1.089081

yr42 | -1.166356 .0222755 -52.36 0.000 -1.210015 -1.122696

yr43 | -1.194916 .0224551 -53.21 0.000 -1.238927 -1.150904

yr44 | -1.225295 .0225193 -54.41 0.000 -1.269432 -1.181158

yr45 | -1.256017 .0223068 -56.31 0.000 -1.299738 -1.212297

yr46 | -1.284723 .0222638 -57.70 0.000 -1.328359 -1.241086

\_cons | 7.09352 .0494625 143.41 0.000 6.996575 7.190464

------------------------------------------------------------------------------

. test ctry1 ctry2 ctry3 ctry4 ctry5 ctry6 ctry7 ctry8 ctry9 ctry10 ctry11 ctry12 ctry13 ctry14 ctry15 ctry16 ctry17 ctry18 ctry19 ctry

> 20 ctry21 ctry22 ctry23 ctry24 ctry25 ctry26 ctry27 ctry28 ctry29 ctry30 ctry31 ctry32 ctry33 ctry34 ctry35 ctry36 ctry37 ctry38 ctry

> 39 ctry40 ctry41 ctry42 ctry43 ctry44 ctry45 ctry46 ctry47 ctry48 ctry49 ctry50 ctry51 ctry52 ctry53 ctry54 ctry55 ctry56 ctry57 ctry

> 58 ctry59 ctry60 ctry61 ctry62 ctry63 ctry64 ctry65 ctry66 ctry67 ctry68 ctry69 ctry70 ctry71 ctry72 ctry73 ctry74 ctry75 ctry76 ctry

> 77 ctry78 ctry79 ctry80 ctry81 ctry82 ctry83 ctry84 ctry85 ctry86 ctry87 ctry88 ctry89 ctry90 ctry91 ctry92 ctry93 ctry94 ctry95 ctry

> 96 ctry97 ctry98 ctry99 ctry100 ctry101 ctry102 ctry103 ctry104 ctry105 ctry106 ctry107 ctry108 ctry109 ctry110 ctry111 ctry112 ctry1

> 13 ctry114 ctry115 ctry116 ctry117 ctry118 ctry119 ctry120 ctry121 ctry122 ctry123 ctry124 ctry125 ctry126 ctry127 ctry128 ctry129 ct

> ry130 ctry131 ctry132 ctry133 ctry134 ctry135 ctry136 ctry137 ctry138 ctry139 ctry140 ctry141 ctry142 ctry143 ctry144 ctry145 ctry146

> ctry147 ctry148 ctry149 ctry150 ctry151 ctry152 ctry153 ctry154 ctry155 ctry156 ctry157 yr1 yr2 yr3 yr4 yr5 yr6 yr7 yr8 yr9 yr10 yr1

> 1 yr12 yr13 yr14 yr15 yr16 yr17 yr18 yr19 yr20 yr21 yr22 yr23 yr24 yr25 yr26 yr27 yr28 yr29 yr30 yr31 yr32 yr33 yr34 yr35 yr36 yr37 y

> r38 yr39 yr40 yr41 yr42 yr43 yr44 yr45 yr46

( 1) ctry1 = 0

( 2) ctry2 = 0

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Constraint 1 dropped

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Constraint 149 dropped

Constraint 150 dropped

Constraint 151 dropped

Constraint 152 dropped

Constraint 153 dropped

Constraint 154 dropped

Constraint 155 dropped

Constraint 157 dropped

Constraint 158 dropped

Constraint 160 dropped

Constraint 181 dropped

Constraint 201 dropped

Constraint 202 dropped

Constraint 203 dropped

chi2( 76) = 1.0e+10

Prob > chi2 = 0.0000

.

. \*\*\* 2. Hausman tests for consistency of random effects model (if P < .05, random effects is inconsistent)

.

. xtreg wdi\_mortinf lrgdpnapc l1.vdem\_libdem, fe

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.3171 min = 3

between = 0.6882 avg = 39.6

overall = 0.6208 max = 45

F(2,5980) = 1388.16

corr(u\_i, Xb) = -0.1530 Prob > F = 0.0000

------------------------------------------------------------------------------

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -18.85494 .7181748 -26.25 0.000 -20.26282 -17.44706

|

vdem\_libdem |

L1. | -64.97848 1.81764 -35.75 0.000 -68.5417 -61.41525

|

\_cons | 238.7117 6.141842 38.87 0.000 226.6715 250.7519

-------------+----------------------------------------------------------------

sigma\_u | 21.092672

sigma\_e | 17.18683

rho | .60098345 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

F test that all u\_i=0: F(154, 5980) = 50.09 Prob > F = 0.0000

. estimates store fixed

. xtreg wdi\_mortinf lrgdpnapc l1.vdem\_libdem, re

Random-effects GLS regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.3170 min = 3

between = 0.6911 avg = 39.6

overall = 0.6228 max = 45

Wald chi2(2) = 3141.90

corr(u\_i, X) = 0 (assumed) Prob > chi2 = 0.0000

------------------------------------------------------------------------------

wdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -18.97925 .6483697 -29.27 0.000 -20.25003 -17.70847

|

vdem\_libdem |

L1. | -62.96441 1.772642 -35.52 0.000 -66.43873 -59.4901

|

\_cons | 237.3068 5.751167 41.26 0.000 226.0348 248.5789

-------------+----------------------------------------------------------------

sigma\_u | 19.446367

sigma\_e | 17.18683

rho | .56144625 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. estimates store random

. hausman fixed random, sigmamore

---- Coefficients ----

| (b) (B) (b-B) sqrt(diag(V\_b-V\_B))

| fixed random Difference S.E.

-------------+----------------------------------------------------------------

lrgdpnapc | -18.85494 -18.97925 .1243062 .3117448

vdem\_libdem |

L1. | -64.97848 -62.96441 -2.014063 .4159826

------------------------------------------------------------------------------

b = consistent under Ho and Ha; obtained from xtreg

B = inconsistent under Ha, efficient under Ho; obtained from xtreg

Test: Ho: difference in coefficients not systematic

chi2(2) = (b-B)'[(V\_b-V\_B)^(-1)](b-B)

= 23.45

Prob>chi2 = 0.0000

. estimates store clear

.

. xtreg lwdi\_mortinf lrgdpnapc l1.vdem\_libdem, fe

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.5027 min = 3

between = 0.7807 avg = 39.6

overall = 0.7509 max = 45

F(2,5980) = 3022.29

corr(u\_i, Xb) = -0.3280 Prob > F = 0.0000

------------------------------------------------------------------------------

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.7033511 .0135599 -51.87 0.000 -.7299333 -.6767688

|

vdem\_libdem |

L1. | -1.364635 .0343189 -39.76 0.000 -1.431913 -1.297358

|

\_cons | 10.07666 .1159642 86.89 0.000 9.849324 10.30399

-------------+----------------------------------------------------------------

sigma\_u | .50871337

sigma\_e | .32450485

rho | .7107786 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

F test that all u\_i=0: F(154, 5980) = 76.91 Prob > F = 0.0000

. estimates store fixed

. xtreg lwdi\_mortinf lrgdpnapc l1.vdem\_libdem, re

Random-effects GLS regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.5026 min = 3

between = 0.7814 avg = 39.6

overall = 0.7517 max = 45

Wald chi2(2) = 6572.25

corr(u\_i, X) = 0 (assumed) Prob > chi2 = 0.0000

------------------------------------------------------------------------------

lwdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.6844293 .0127305 -53.76 0.000 -.7093805 -.659478

|

vdem\_libdem |

L1. | -1.368658 .0338126 -40.48 0.000 -1.434929 -1.302387

|

\_cons | 9.868233 .1155315 85.42 0.000 9.641796 10.09467

-------------+----------------------------------------------------------------

sigma\_u | .4802896

sigma\_e | .32450485

rho | .68657978 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. estimates store random

. hausman fixed random, sigmamore

---- Coefficients ----

| (b) (B) (b-B) sqrt(diag(V\_b-V\_B))

| fixed random Difference S.E.

-------------+----------------------------------------------------------------

lrgdpnapc | -.7033511 -.6844293 -.0189218 .0047139

vdem\_libdem |

L1. | -1.364635 -1.368658 .0040224 .0060958

------------------------------------------------------------------------------

b = consistent under Ho and Ha; obtained from xtreg

B = inconsistent under Ha, efficient under Ho; obtained from xtreg

Test: Ho: difference in coefficients not systematic

chi2(2) = (b-B)'[(V\_b-V\_B)^(-1)](b-B)

= 16.19

Prob>chi2 = 0.0003

. estimates store clear

.

. \*\*\* 3. Likelihood ratio test to see if intercepts vary across groups (if P < .05, intercepts vary and fixed effects is the appropriat

> e model)

.

. xtreg wdi\_mortinf lrgdpnapc l1.vdem\_libdem, i(ccode) mle

Fitting constant-only model:

Iteration 0: log likelihood = -27703.005

Iteration 1: log likelihood = -27702.735

Iteration 2: log likelihood = -27702.734

Fitting full model:

Iteration 0: log likelihood = -26579.349

Iteration 1: log likelihood = -26476.364

Iteration 2: log likelihood = -26473.412

Iteration 3: log likelihood = -26473.404

Random-effects ML regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

Random effects u\_i ~ Gaussian Obs per group:

min = 3

avg = 39.6

max = 45

LR chi2(2) = 2458.66

Log likelihood = -26473.404 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

wdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -18.96404 .6540334 -29.00 0.000 -20.24592 -17.68215

|

vdem\_libdem |

L1. | -63.17362 1.785619 -35.38 0.000 -66.67337 -59.67388

|

\_cons | 237.2388 5.825251 40.73 0.000 225.8216 248.6561

-------------+----------------------------------------------------------------

/sigma\_u | 20.63118 1.20492 18.39973 23.13325

/sigma\_e | 17.18585 .157152 16.88058 17.49664

rho | .5903553 .028617 .5335312 .6453396

------------------------------------------------------------------------------

LR test of sigma\_u=0: chibar2(01) = 4304.22 Prob >= chibar2 = 0.000

. xtreg lwdi\_mortinf lrgdpnapc l1.vdem\_libdem, i(ccode) mle

Fitting constant-only model:

Iteration 0: log likelihood = -4350.8351

Iteration 1: log likelihood = -4350.5569

Iteration 2: log likelihood = -4350.5562

Fitting full model:

Iteration 0: log likelihood = -2208.9486

Iteration 1: log likelihood = -2150.539

Iteration 2: log likelihood = -2149.5178

Iteration 3: log likelihood = -2149.5092

Iteration 4: log likelihood = -2149.5092

Random-effects ML regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

Random effects u\_i ~ Gaussian Obs per group:

min = 3

avg = 39.6

max = 45

LR chi2(2) = 4402.09

Log likelihood = -2149.5092 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

lwdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.6855197 .0128971 -53.15 0.000 -.7107976 -.6602417

|

vdem\_libdem |

L1. | -1.36839 .0338122 -40.47 0.000 -1.434661 -1.30212

|

\_cons | 9.877652 .1173529 84.17 0.000 9.647645 10.10766

-------------+----------------------------------------------------------------

/sigma\_u | .4969925 .0289253 .4434139 .5570451

/sigma\_e | .3245062 .0029677 .3187414 .3303752

rho | .7010999 .0247143 .6509988 .7476505

------------------------------------------------------------------------------

LR test of sigma\_u=0: chibar2(01) = 5846.43 Prob >= chibar2 = 0.000

.

. \*\*\* 4. Modified Wald statistic to detect the presence of groupwise heteroskedasticity in the residuals of a fixed effect regression m

> odel (if P < .05, groupwise heteroskedasticity is present).

.

. xtreg wdi\_mortinf lrgdpnapc l1.vdem\_libdem yr\*, fe vce(r)

note: yr1 omitted because of collinearity

note: yr46 omitted because of collinearity

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.6480 min = 3

between = 0.1310 avg = 39.6

overall = 0.2009 max = 45

F(46,154) = 10.80

corr(u\_i, Xb) = 0.0534 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | .9460189 2.780367 0.34 0.734 -4.546564 6.438602

|

vdem\_libdem |

L1. | -11.21418 6.639902 -1.69 0.093 -24.33123 1.902865

|

yr1 | 0 (omitted)

yr2 | 59.62808 3.98522 14.96 0.000 51.75533 67.50084

yr3 | 57.95346 3.888705 14.90 0.000 50.27137 65.63555

yr4 | 56.17711 3.78623 14.84 0.000 48.69746 63.65676

yr5 | 53.83127 3.625948 14.85 0.000 46.66825 60.99429

yr6 | 52.31936 3.584055 14.60 0.000 45.2391 59.39962

yr7 | 49.8297 3.450832 14.44 0.000 43.01262 56.64677

yr8 | 47.70607 3.309197 14.42 0.000 41.1688 54.24335

yr9 | 46.07978 3.158045 14.59 0.000 39.8411 52.31846

yr10 | 43.92489 3.031215 14.49 0.000 37.93676 49.91302

yr11 | 41.89512 2.909114 14.40 0.000 36.1482 47.64204

yr12 | 39.96032 2.806606 14.24 0.000 34.4159 45.50474

yr13 | 38.04966 2.734059 13.92 0.000 32.64856 43.45076

yr14 | 36.42344 2.660351 13.69 0.000 31.16794 41.67893

yr15 | 34.78704 2.588155 13.44 0.000 29.67417 39.89991

yr16 | 33.25534 2.535114 13.12 0.000 28.24726 38.26343

yr17 | 31.8947 2.480226 12.86 0.000 26.99505 36.79436

yr18 | 30.58782 2.430176 12.59 0.000 25.78703 35.3886

yr19 | 29.37183 2.373891 12.37 0.000 24.68224 34.06142

yr20 | 28.22747 2.323582 12.15 0.000 23.63727 32.81768

yr21 | 27.20057 2.275294 11.95 0.000 22.70575 31.69539

yr22 | 26.56288 2.212119 12.01 0.000 22.19287 30.9329

yr23 | 25.7049 2.153608 11.94 0.000 21.45047 29.95932

yr24 | 24.91095 2.061699 12.08 0.000 20.83809 28.98382

yr25 | 24.39691 2.060517 11.84 0.000 20.32638 28.46744

yr26 | 23.42499 1.978545 11.84 0.000 19.5164 27.33358

yr27 | 22.46678 1.895923 11.85 0.000 18.7214 26.21215

yr28 | 21.46604 1.810035 11.86 0.000 17.89034 25.04174

yr29 | 20.38292 1.741872 11.70 0.000 16.94188 23.82397

yr30 | 19.10366 1.651648 11.57 0.000 15.84085 22.36647

yr31 | 17.74069 1.548144 11.46 0.000 14.68235 20.79903

yr32 | 16.30468 1.431555 11.39 0.000 13.47666 19.1327

yr33 | 14.84804 1.307159 11.36 0.000 12.26576 17.43031

yr34 | 13.46469 1.19081 11.31 0.000 11.11226 15.81712

yr35 | 12.04317 1.045193 11.52 0.000 9.9784 14.10793

yr36 | 10.61172 .912532 11.63 0.000 8.80902 12.41441

yr37 | 9.26387 .776323 11.93 0.000 7.730253 10.79749

yr38 | 7.991009 .653315 12.23 0.000 6.700393 9.281625

yr39 | 6.855633 .5511852 12.44 0.000 5.766773 7.944492

yr40 | 5.715276 .4981165 11.47 0.000 4.731253 6.6993

yr41 | 4.75391 .4531727 10.49 0.000 3.858673 5.649147

yr42 | 3.547216 .3070788 11.55 0.000 2.940585 4.153846

yr43 | 2.66319 .2266707 11.75 0.000 2.215405 3.110975

yr44 | 1.783833 .1573473 11.34 0.000 1.472996 2.094671

yr45 | .8134406 .0653709 12.44 0.000 .6843011 .94258

yr46 | 0 (omitted)

\_cons | 21.18606 24.9867 0.85 0.398 -28.17485 70.54698

-------------+----------------------------------------------------------------

sigma\_u | 35.430448

sigma\_e | 12.384716

rho | .89111845 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. xttest3

Modified Wald test for groupwise heteroskedasticity

in fixed effect regression model

H0: sigma(i)^2 = sigma^2 for all i

chi2 (155) = 1.2e+05

Prob>chi2 = 0.0000

. xtreg lwdi\_mortinf lrgdpnapc l1.vdem\_libdem yr\*, fe vce(r)

note: yr1 omitted because of collinearity

note: yr46 omitted because of collinearity

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.8442 min = 3

between = 0.7286 avg = 39.6

overall = 0.6137 max = 45

F(46,154) = 49.06

corr(u\_i, Xb) = 0.4552 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.2422075 .0539191 -4.49 0.000 -.348724 -.135691

|

vdem\_libdem |

L1. | -.1391515 .0969834 -1.43 0.153 -.330741 .052438

|

yr1 | 0 (omitted)

yr2 | 1.310673 .0581915 22.52 0.000 1.195716 1.42563

yr3 | 1.284723 .0584374 21.98 0.000 1.16928 1.400165

yr4 | 1.259908 .0567395 22.21 0.000 1.14782 1.371996

yr5 | 1.24798 .0566392 22.03 0.000 1.136089 1.35987

yr6 | 1.212962 .0554458 21.88 0.000 1.10343 1.322495

yr7 | 1.176744 .0535127 21.99 0.000 1.07103 1.282457

yr8 | 1.140915 .0517315 22.05 0.000 1.03872 1.24311

yr9 | 1.105944 .0496431 22.28 0.000 1.007875 1.204014

yr10 | 1.07184 .048529 22.09 0.000 .9759714 1.167708

yr11 | 1.033061 .0471239 21.92 0.000 .9399678 1.126153

yr12 | .9962516 .0457808 21.76 0.000 .9058122 1.086691

yr13 | .9576048 .045293 21.14 0.000 .8681291 1.047081

yr14 | .9166046 .0444765 20.61 0.000 .8287417 1.004467

yr15 | .885641 .0434686 20.37 0.000 .7997693 .9715127

yr16 | .851573 .0421023 20.23 0.000 .7684003 .9347456

yr17 | .8229505 .0406711 20.23 0.000 .7426053 .9032957

yr18 | .7941998 .0397411 19.98 0.000 .7156917 .872708

yr19 | .7674114 .0382803 20.05 0.000 .6917892 .8430336

yr20 | .7394724 .0371255 19.92 0.000 .6661314 .8128135

yr21 | .7115309 .0362756 19.61 0.000 .6398689 .7831928

yr22 | .6808897 .0352076 19.34 0.000 .6113374 .7504419

yr23 | .6592243 .0340456 19.36 0.000 .5919677 .7264809

yr24 | .6426421 .0333289 19.28 0.000 .5768013 .7084829

yr25 | .6224816 .0330575 18.83 0.000 .557177 .6877863

yr26 | .5980992 .0318683 18.77 0.000 .5351438 .6610546

yr27 | .5748433 .0305063 18.84 0.000 .5145784 .6351083

yr28 | .551978 .0292524 18.87 0.000 .4941902 .6097658

yr29 | .5248145 .0282695 18.56 0.000 .4689684 .5806606

yr30 | .4934489 .0270876 18.22 0.000 .4399377 .5469601

yr31 | .4638595 .0257588 18.01 0.000 .4129734 .5147457

yr32 | .43297 .0244379 17.72 0.000 .3846932 .4812467

yr33 | .400678 .022982 17.43 0.000 .3552772 .4460788

yr34 | .3681526 .0216734 16.99 0.000 .325337 .4109682

yr35 | .341023 .0194922 17.50 0.000 .3025163 .3795297

yr36 | .3084535 .0174734 17.65 0.000 .2739349 .3429721

yr37 | .2801015 .0152739 18.34 0.000 .2499281 .3102749

yr38 | .253387 .0133662 18.96 0.000 .2269822 .2797917

yr39 | .221682 .0118765 18.67 0.000 .1982202 .2451438

yr40 | .1811747 .011078 16.35 0.000 .1592902 .2030592

yr41 | .152122 .0094449 16.11 0.000 .1334637 .1707802

yr42 | .1183669 .0073782 16.04 0.000 .1037913 .1329425

yr43 | .0898069 .0059412 15.12 0.000 .07807 .1015437

yr44 | .0594278 .004085 14.55 0.000 .0513579 .0674977

yr45 | .0287052 .0021067 13.63 0.000 .0245434 .032867

yr46 | 0 (omitted)

\_cons | 4.97536 .4959289 10.03 0.000 3.995659 5.955062

-------------+----------------------------------------------------------------

sigma\_u | .76502243

sigma\_e | .18229409

rho | .94627057 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. xttest3

Modified Wald test for groupwise heteroskedasticity

in fixed effect regression model

H0: sigma(i)^2 = sigma^2 for all i

chi2 (155) = 4296.39

Prob>chi2 = 0.0000

.

.

. \*\*\* 5. Wooldridge test for autocorrelation in panel data (if P < .05, error term is characterized by first-order autocorrelation)

.

. xtserial wdi\_mortinf lrgdpnapc lag1vdem\_libdem

Wooldridge test for autocorrelation in panel data

H0: no first order autocorrelation

F( 1, 154) = 319.941

Prob > F = 0.0000

. xtserial lwdi\_mortinf lrgdpnapc lag1vdem\_libdem

Wooldridge test for autocorrelation in panel data

H0: no first order autocorrelation

F( 1, 154) = 1148.493

Prob > F = 0.0000

.

. \*\*\* 6. Pesaran test for cross-sectional correlation in fixed effects model (if P < .05, error term is characterized by cross-sectiona

> l correlation)

.

. xtreg wdi\_mortinf lrgdpnapc l1.vdem\_libdem, fe

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.3171 min = 3

between = 0.6882 avg = 39.6

overall = 0.6208 max = 45

F(2,5980) = 1388.16

corr(u\_i, Xb) = -0.1530 Prob > F = 0.0000

------------------------------------------------------------------------------

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -18.85494 .7181748 -26.25 0.000 -20.26282 -17.44706

|

vdem\_libdem |

L1. | -64.97848 1.81764 -35.75 0.000 -68.5417 -61.41525

|

\_cons | 238.7117 6.141842 38.87 0.000 226.6715 250.7519

-------------+----------------------------------------------------------------

sigma\_u | 21.092672

sigma\_e | 17.18683

rho | .60098345 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

F test that all u\_i=0: F(154, 5980) = 50.09 Prob > F = 0.0000

. xtcsd, pesaran

Pesaran's test of cross sectional independence = 75.136, Pr = 0.0000

. xtreg lwdi\_mortinf lrgdpnapc l1.vdem\_libdem, fe

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.5027 min = 3

between = 0.7807 avg = 39.6

overall = 0.7509 max = 45

F(2,5980) = 3022.29

corr(u\_i, Xb) = -0.3280 Prob > F = 0.0000

------------------------------------------------------------------------------

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.7033511 .0135599 -51.87 0.000 -.7299333 -.6767688

|

vdem\_libdem |

L1. | -1.364635 .0343189 -39.76 0.000 -1.431913 -1.297358

|

\_cons | 10.07666 .1159642 86.89 0.000 9.849324 10.30399

-------------+----------------------------------------------------------------

sigma\_u | .50871337

sigma\_e | .32450485

rho | .7107786 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

F test that all u\_i=0: F(154, 5980) = 76.91 Prob > F = 0.0000

. xtcsd, pesaran

Pesaran's test of cross sectional independence = 206.076, Pr = 0.0000

.

.

. \*\*\*Table 2 Regressions

.

. \*\*\* Models 1 and 2: GLS with time (year) as well as unit (country) fixed effects and country-clustered standard errors

.

. xtreg wdi\_mortinf lrgdpnapc L.vdem\_libdem yr\*, fe cluster(ccode)

note: yr1 omitted because of collinearity

note: yr46 omitted because of collinearity

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.6480 min = 3

between = 0.1310 avg = 39.6

overall = 0.2009 max = 45

F(46,154) = 10.80

corr(u\_i, Xb) = 0.0534 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | .9460189 2.780367 0.34 0.734 -4.546564 6.438602

|

vdem\_libdem |

L1. | -11.21418 6.639902 -1.69 0.093 -24.33123 1.902865

|

yr1 | 0 (omitted)

yr2 | 59.62808 3.98522 14.96 0.000 51.75533 67.50084

yr3 | 57.95346 3.888705 14.90 0.000 50.27137 65.63555

yr4 | 56.17711 3.78623 14.84 0.000 48.69746 63.65676

yr5 | 53.83127 3.625948 14.85 0.000 46.66825 60.99429

yr6 | 52.31936 3.584055 14.60 0.000 45.2391 59.39962

yr7 | 49.8297 3.450832 14.44 0.000 43.01262 56.64677

yr8 | 47.70607 3.309197 14.42 0.000 41.1688 54.24335

yr9 | 46.07978 3.158045 14.59 0.000 39.8411 52.31846

yr10 | 43.92489 3.031215 14.49 0.000 37.93676 49.91302

yr11 | 41.89512 2.909114 14.40 0.000 36.1482 47.64204

yr12 | 39.96032 2.806606 14.24 0.000 34.4159 45.50474

yr13 | 38.04966 2.734059 13.92 0.000 32.64856 43.45076

yr14 | 36.42344 2.660351 13.69 0.000 31.16794 41.67893

yr15 | 34.78704 2.588155 13.44 0.000 29.67417 39.89991

yr16 | 33.25534 2.535114 13.12 0.000 28.24726 38.26343

yr17 | 31.8947 2.480226 12.86 0.000 26.99505 36.79436

yr18 | 30.58782 2.430176 12.59 0.000 25.78703 35.3886

yr19 | 29.37183 2.373891 12.37 0.000 24.68224 34.06142

yr20 | 28.22747 2.323582 12.15 0.000 23.63727 32.81768

yr21 | 27.20057 2.275294 11.95 0.000 22.70575 31.69539

yr22 | 26.56288 2.212119 12.01 0.000 22.19287 30.9329

yr23 | 25.7049 2.153608 11.94 0.000 21.45047 29.95932

yr24 | 24.91095 2.061699 12.08 0.000 20.83809 28.98382

yr25 | 24.39691 2.060517 11.84 0.000 20.32638 28.46744

yr26 | 23.42499 1.978545 11.84 0.000 19.5164 27.33358

yr27 | 22.46678 1.895923 11.85 0.000 18.7214 26.21215

yr28 | 21.46604 1.810035 11.86 0.000 17.89034 25.04174

yr29 | 20.38292 1.741872 11.70 0.000 16.94188 23.82397

yr30 | 19.10366 1.651648 11.57 0.000 15.84085 22.36647

yr31 | 17.74069 1.548144 11.46 0.000 14.68235 20.79903

yr32 | 16.30468 1.431555 11.39 0.000 13.47666 19.1327

yr33 | 14.84804 1.307159 11.36 0.000 12.26576 17.43031

yr34 | 13.46469 1.19081 11.31 0.000 11.11226 15.81712

yr35 | 12.04317 1.045193 11.52 0.000 9.9784 14.10793

yr36 | 10.61172 .912532 11.63 0.000 8.80902 12.41441

yr37 | 9.26387 .776323 11.93 0.000 7.730253 10.79749

yr38 | 7.991009 .653315 12.23 0.000 6.700393 9.281625

yr39 | 6.855633 .5511852 12.44 0.000 5.766773 7.944492

yr40 | 5.715276 .4981165 11.47 0.000 4.731253 6.6993

yr41 | 4.75391 .4531727 10.49 0.000 3.858673 5.649147

yr42 | 3.547216 .3070788 11.55 0.000 2.940585 4.153846

yr43 | 2.66319 .2266707 11.75 0.000 2.215405 3.110975

yr44 | 1.783833 .1573473 11.34 0.000 1.472996 2.094671

yr45 | .8134406 .0653709 12.44 0.000 .6843011 .94258

yr46 | 0 (omitted)

\_cons | 21.18606 24.9867 0.85 0.398 -28.17485 70.54698

-------------+----------------------------------------------------------------

sigma\_u | 35.430448

sigma\_e | 12.384716

rho | .89111845 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. xtreg lwdi\_mortinf lrgdpnapc L.vdem\_libdem yr\*, fe cluster(ccode)

note: yr1 omitted because of collinearity

note: yr46 omitted because of collinearity

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.8442 min = 3

between = 0.7286 avg = 39.6

overall = 0.6137 max = 45

F(46,154) = 49.06

corr(u\_i, Xb) = 0.4552 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.2422075 .0539191 -4.49 0.000 -.348724 -.135691

|

vdem\_libdem |

L1. | -.1391515 .0969834 -1.43 0.153 -.330741 .052438

|

yr1 | 0 (omitted)

yr2 | 1.310673 .0581915 22.52 0.000 1.195716 1.42563

yr3 | 1.284723 .0584374 21.98 0.000 1.16928 1.400165

yr4 | 1.259908 .0567395 22.21 0.000 1.14782 1.371996

yr5 | 1.24798 .0566392 22.03 0.000 1.136089 1.35987

yr6 | 1.212962 .0554458 21.88 0.000 1.10343 1.322495

yr7 | 1.176744 .0535127 21.99 0.000 1.07103 1.282457

yr8 | 1.140915 .0517315 22.05 0.000 1.03872 1.24311

yr9 | 1.105944 .0496431 22.28 0.000 1.007875 1.204014

yr10 | 1.07184 .048529 22.09 0.000 .9759714 1.167708

yr11 | 1.033061 .0471239 21.92 0.000 .9399678 1.126153

yr12 | .9962516 .0457808 21.76 0.000 .9058122 1.086691

yr13 | .9576048 .045293 21.14 0.000 .8681291 1.047081

yr14 | .9166046 .0444765 20.61 0.000 .8287417 1.004467

yr15 | .885641 .0434686 20.37 0.000 .7997693 .9715127

yr16 | .851573 .0421023 20.23 0.000 .7684003 .9347456

yr17 | .8229505 .0406711 20.23 0.000 .7426053 .9032957

yr18 | .7941998 .0397411 19.98 0.000 .7156917 .872708

yr19 | .7674114 .0382803 20.05 0.000 .6917892 .8430336

yr20 | .7394724 .0371255 19.92 0.000 .6661314 .8128135

yr21 | .7115309 .0362756 19.61 0.000 .6398689 .7831928

yr22 | .6808897 .0352076 19.34 0.000 .6113374 .7504419

yr23 | .6592243 .0340456 19.36 0.000 .5919677 .7264809

yr24 | .6426421 .0333289 19.28 0.000 .5768013 .7084829

yr25 | .6224816 .0330575 18.83 0.000 .557177 .6877863

yr26 | .5980992 .0318683 18.77 0.000 .5351438 .6610546

yr27 | .5748433 .0305063 18.84 0.000 .5145784 .6351083

yr28 | .551978 .0292524 18.87 0.000 .4941902 .6097658

yr29 | .5248145 .0282695 18.56 0.000 .4689684 .5806606

yr30 | .4934489 .0270876 18.22 0.000 .4399377 .5469601

yr31 | .4638595 .0257588 18.01 0.000 .4129734 .5147457

yr32 | .43297 .0244379 17.72 0.000 .3846932 .4812467

yr33 | .400678 .022982 17.43 0.000 .3552772 .4460788

yr34 | .3681526 .0216734 16.99 0.000 .325337 .4109682

yr35 | .341023 .0194922 17.50 0.000 .3025163 .3795297

yr36 | .3084535 .0174734 17.65 0.000 .2739349 .3429721

yr37 | .2801015 .0152739 18.34 0.000 .2499281 .3102749

yr38 | .253387 .0133662 18.96 0.000 .2269822 .2797917

yr39 | .221682 .0118765 18.67 0.000 .1982202 .2451438

yr40 | .1811747 .011078 16.35 0.000 .1592902 .2030592

yr41 | .152122 .0094449 16.11 0.000 .1334637 .1707802

yr42 | .1183669 .0073782 16.04 0.000 .1037913 .1329425

yr43 | .0898069 .0059412 15.12 0.000 .07807 .1015437

yr44 | .0594278 .004085 14.55 0.000 .0513579 .0674977

yr45 | .0287052 .0021067 13.63 0.000 .0245434 .032867

yr46 | 0 (omitted)

\_cons | 4.97536 .4959289 10.03 0.000 3.995659 5.955062

-------------+----------------------------------------------------------------

sigma\_u | .76502243

sigma\_e | .18229409

rho | .94627057 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

.

. \*\*\* Models 3 and 4: pooled OLS with country and year fixed effects and panel-corrected standard errors

.

. xtpcse wdi\_mortinf lrgdpnapc L.vdem\_libdem yr\* ctry\*, c(ar1)

note: yr1 omitted because of collinearity

note: yr3 omitted because of collinearity

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

(note: estimates of rho outside [-1,1] bounded to be in the range [-1,1])

(note: the number of observations per panel, e(n\_sigma) = 3,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.593548; you may want to consider the pairwise option)

Prais-Winsten regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,137

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: common AR(1) min = 3

Sigma computed by casewise selection avg = 39.593548

max = 45

Estimated covariances = 12090 R-squared = 0.7986

Estimated autocorrelations = 1 Wald chi2(82) = 3.33e+08

Estimated coefficients = 201 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

wdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -2.35611 .5069545 -4.65 0.000 -3.349722 -1.362497

|

vdem\_libdem |

L1. | -.6689456 .5147589 -1.30 0.194 -1.677855 .3399632

|

yr1 | 0 (omitted)

yr2 | 126.1558 3.812553 33.09 0.000 118.6833 133.6283

yr3 | 124.3225 3.821338 32.53 0.000 116.8328 131.8122

yr4 | 122.4328 3.832325 31.95 0.000 114.9216 129.944

yr5 | 120.4741 3.843435 31.35 0.000 112.9411 128.0071

yr6 | 118.3657 3.839938 30.82 0.000 110.8396 125.8919

yr7 | 116.1708 3.851202 30.16 0.000 108.6226 123.7191

yr8 | 113.9777 3.858887 29.54 0.000 106.4144 121.5409

yr9 | 111.7755 3.867911 28.90 0.000 104.1945 119.3564

yr10 | 109.556 3.874411 28.28 0.000 101.9623 117.1497

yr11 | 107.4283 3.876388 27.71 0.000 99.8307 115.0259

yr12 | 105.3881 3.873369 27.21 0.000 97.79649 112.9798

yr13 | 103.4304 3.863775 26.77 0.000 95.85753 111.0033

yr14 | 101.6016 3.863041 26.30 0.000 94.03022 109.1731

yr15 | 99.94038 3.876585 25.78 0.000 92.34241 107.5383

yr16 | 98.39016 3.877439 25.38 0.000 90.79052 105.9898

yr17 | 96.95957 3.883687 24.97 0.000 89.34768 104.5715

yr18 | 95.61079 3.896945 24.53 0.000 87.97292 103.2487

yr19 | 94.35699 3.902711 24.18 0.000 86.70782 102.0062

yr20 | 93.16671 3.907053 23.85 0.000 85.50902 100.8244

yr21 | 92.06469 3.918555 23.49 0.000 84.38446 99.74492

yr22 | 91.01487 3.909984 23.28 0.000 83.35144 98.6783

yr23 | 90.06358 3.934965 22.89 0.000 82.35119 97.77597

yr24 | 89.18261 3.947943 22.59 0.000 81.44478 96.92043

yr25 | 88.48361 3.952104 22.39 0.000 80.73763 96.22959

yr26 | 87.6007 3.960702 22.12 0.000 79.83786 95.36353

yr27 | 86.68027 3.973259 21.82 0.000 78.89282 94.46771

yr28 | 85.75803 3.987712 21.51 0.000 77.94226 93.57381

yr29 | 84.7204 3.995544 21.20 0.000 76.88928 92.55152

yr30 | 83.46795 4.00315 20.85 0.000 75.62192 91.31398

yr31 | 82.183 4.016668 20.46 0.000 74.31048 90.05553

yr32 | 80.79292 4.026379 20.07 0.000 72.90137 88.68448

yr33 | 79.39974 4.037165 19.67 0.000 71.48704 87.31244

yr34 | 78.02023 4.048566 19.27 0.000 70.08518 85.95527

yr35 | 76.72198 4.069232 18.85 0.000 68.74643 84.69753

yr36 | 75.39271 4.086906 18.45 0.000 67.38253 83.4029

yr37 | 74.15734 4.108534 18.05 0.000 66.10476 82.20992

yr38 | 73.01845 4.129628 17.68 0.000 64.92453 81.11237

yr39 | 71.96541 4.142116 17.37 0.000 63.84701 80.08381

yr40 | 70.76881 4.134912 17.11 0.000 62.66453 78.87309

yr41 | 69.9184 4.148507 16.85 0.000 61.78747 78.04932

yr42 | 68.75455 4.156936 16.54 0.000 60.6071 76.90199

yr43 | 67.89168 4.168383 16.29 0.000 59.7218 76.06156

yr44 | 67.04104 4.174581 16.06 0.000 58.85902 75.22307

yr45 | 66.22041 4.182228 15.83 0.000 58.0234 74.41743

yr46 | 65.4624 4.186259 15.64 0.000 57.25749 73.66732

ctry1 | 48.08426 7.784316 6.18 0.000 32.82728 63.34124

ctry2 | -28.28566 1.389587 -20.36 0.000 -31.0092 -25.56212

ctry3 | 1.093703 1.086412 1.01 0.314 -1.035625 3.223032

ctry4 | 37.80457 10.56818 3.58 0.000 17.09132 58.51783

ctry5 | -3.948822 2.157781 -1.83 0.067 -8.177996 .2803517

ctry6 | -39.54587 2.081324 -19.00 0.000 -43.62519 -35.46655

ctry7 | -59.60672 4.757648 -12.53 0.000 -68.93154 -50.2819

ctry8 | -57.37852 4.418852 -12.98 0.000 -66.03931 -48.71773

ctry9 | 13.36425 5.521541 2.42 0.016 2.542226 24.18627

ctry10 | -32.70937 1.216031 -26.90 0.000 -35.09275 -30.32599

ctry11 | -49.12682 3.524433 -13.94 0.000 -56.03459 -42.21906

ctry12 | -59.22236 4.725062 -12.53 0.000 -68.48331 -49.96141

ctry13 | 9.086038 2.890215 3.14 0.002 3.421321 14.75075

ctry14 | -48.00849 3.92263 -12.24 0.000 -55.69671 -40.32028

ctry15 | -18.37919 2.727491 -6.74 0.000 -23.72498 -13.03341

ctry16 | -17.61741 1.173103 -15.02 0.000 -19.91665 -15.31817

ctry17 | -55.57174 3.550279 -15.65 0.000 -62.53016 -48.61332

ctry18 | 2.194742 2.381741 0.92 0.357 -2.473384 6.862868

ctry19 | 20.89142 5.968287 3.50 0.000 9.193795 32.58905

ctry20 | -47.4585 3.078296 -15.42 0.000 -53.49184 -41.42515

ctry21 | 21.10648 6.431363 3.28 0.001 8.501238 33.71172

ctry22 | 14.34246 6.354983 2.26 0.024 1.886925 26.798

ctry23 | -59.31229 5.044607 -11.76 0.000 -69.19954 -49.42504

ctry24 | -24.96101 .8826209 -28.28 0.000 -26.69091 -23.2311

ctry25 | 34.67844 4.973186 6.97 0.000 24.93117 44.4257

ctry26 | -45.77758 3.20267 -14.29 0.000 -52.0547 -39.50046

ctry27 | 27.17716 1.770766 15.35 0.000 23.70652 30.64779

ctry28 | -40.92916 3.655517 -11.20 0.000 -48.09384 -33.76448

ctry29 | -34.00899 .8505248 -39.99 0.000 -35.67599 -32.34199

ctry30 | -35.37742 2.290351 -15.45 0.000 -39.86642 -30.88841

ctry31 | 18.89012 3.23736 5.84 0.000 12.54501 25.23523

ctry32 | -11.25169 1.305037 -8.62 0.000 -13.80951 -8.69386

ctry33 | 34.41321 4.70585 7.31 0.000 25.18992 43.63651

ctry34 | -45.06354 3.136502 -14.37 0.000 -51.21097 -38.91611

ctry35 | -47.55904 3.58552 -13.26 0.000 -54.58653 -40.53155

ctry36 | -57.11076 4.510144 -12.66 0.000 -65.95048 -48.27104

ctry37 | -52.94655 3.485276 -15.19 0.000 -59.77756 -46.11553

ctry38 | -47.85328 4.019905 -11.90 0.000 -55.73215 -39.97441

ctry39 | 30.90882 2.860354 10.81 0.000 25.30263 36.51502

ctry40 | -61.25922 5.554978 -11.03 0.000 -72.14677 -50.37166

ctry41 | -21.01069 2.076827 -10.12 0.000 -25.0812 -16.94019

ctry42 | -21.04348 1.102106 -19.09 0.000 -23.20357 -18.8834

ctry43 | -18.60554 .9332331 -19.94 0.000 -20.43465 -16.77644

ctry44 | 45.78748 6.750858 6.78 0.000 32.55605 59.01892

ctry45 | 14.52519 5.735511 2.53 0.011 3.283795 25.76659

ctry46 | -46.23726 3.27522 -14.12 0.000 -52.65657 -39.81794

ctry47 | -63.07787 4.863091 -12.97 0.000 -72.60936 -53.54639

ctry48 | -61.30058 5.00393 -12.25 0.000 -71.1081 -51.49305

ctry49 | 18.60847 2.961981 6.28 0.000 12.8031 24.41385

ctry50 | -7.577038 1.780832 -4.25 0.000 -11.0674 -4.086671

ctry51 | -31.91544 .8982178 -35.53 0.000 -33.67592 -30.15497

ctry52 | 6.740706 1.860683 3.62 0.000 3.093834 10.38758

ctry53 | -47.64527 4.021924 -11.85 0.000 -55.5281 -39.76245

ctry54 | 4.611553 2.808965 1.64 0.101 -.8939162 10.11702

ctry55 | -57.53364 4.52366 -12.72 0.000 -66.39985 -48.66743

ctry56 | -7.510252 1.371842 -5.47 0.000 -10.19901 -4.821492

ctry57 | 47.95404 6.888489 6.96 0.000 34.45285 61.45523

ctry58 | 25.74796 3.639056 7.08 0.000 18.61555 32.88038

ctry59 | -21.39574 .7955832 -26.89 0.000 -22.95506 -19.83643

ctry60 | -52.95925 4.296703 -12.33 0.000 -61.38063 -44.53786

ctry61 | -63.34643 5.274311 -12.01 0.000 -73.68389 -53.00897

ctry62 | 11.37347 4.712381 2.41 0.016 2.137372 20.60957

ctry63 | -10.62006 1.095221 -9.70 0.000 -12.76665 -8.473466

ctry64 | -9.998976 1.431906 -6.98 0.000 -12.80546 -7.192493

ctry65 | -22.02655 1.569424 -14.03 0.000 -25.10257 -18.95054

ctry66 | -59.64133 5.067112 -11.77 0.000 -69.57268 -49.70997

ctry67 | -55.42105 4.151074 -13.35 0.000 -63.557 -47.2851

ctry68 | -56.41224 4.297486 -13.13 0.000 -64.83516 -47.98932

ctry69 | 34.51646 5.249051 6.58 0.000 24.22851 44.80441

ctry70 | -45.86007 2.940586 -15.60 0.000 -51.62351 -40.09662

ctry71 | -63.20005 5.089762 -12.42 0.000 -73.1758 -53.2243

ctry72 | -26.19485 2.921396 -8.97 0.000 -31.92068 -20.46902

ctry73 | -36.54429 2.103912 -17.37 0.000 -40.66788 -32.4207

ctry74 | -12.78551 1.785367 -7.16 0.000 -16.28476 -9.286254

ctry75 | -38.56318 1.252231 -30.80 0.000 -41.01751 -36.10886

ctry76 | -50.76821 3.92341 -12.94 0.000 -58.45796 -43.07847

ctry77 | -42.21187 2.758174 -15.30 0.000 -47.6178 -36.80595

ctry78 | -21.42025 1.243588 -17.22 0.000 -23.85764 -18.98287

ctry79 | 25.5904 3.898658 6.56 0.000 17.94917 33.23163

ctry80 | -45.07391 2.40938 -18.71 0.000 -49.79621 -40.35162

ctry81 | 19.38951 3.548072 5.46 0.000 12.43542 26.34361

ctry82 | -44.6018 2.414799 -18.47 0.000 -49.33472 -39.86888

ctry83 | 47.9003 8.575636 5.59 0.000 31.09237 64.70824

ctry84 | -24.81167 3.575628 -6.94 0.000 -31.81977 -17.80356

ctry85 | -45.39734 4.159811 -10.91 0.000 -53.55042 -37.24426

ctry86 | -6.186268 2.510077 -2.46 0.014 -11.10593 -1.266607

ctry87 | 41.43418 11.39756 3.64 0.000 19.09537 63.77299

ctry88 | -51.17204 4.837874 -10.58 0.000 -60.65409 -41.68998

ctry89 | 52.08651 6.107051 8.53 0.000 40.11691 64.05612

ctry90 | 0 (omitted)

ctry91 | 2.981313 1.13047 2.64 0.008 .7656318 5.196994

ctry92 | -40.87251 3.732294 -10.95 0.000 -48.18767 -33.55735

ctry93 | -30.96258 2.024234 -15.30 0.000 -34.93001 -26.99516

ctry94 | -1.452592 2.727374 -0.53 0.594 -6.798146 3.892963

ctry95 | -35.7347 3.431371 -10.41 0.000 -42.46006 -29.00933

ctry96 | -40.25267 2.561712 -15.71 0.000 -45.27353 -35.23181

ctry97 | -6.342192 1.549155 -4.09 0.000 -9.378481 -3.305904

ctry98 | 46.39273 9.14156 5.07 0.000 28.47561 64.30986

ctry99 | -36.5236 3.24264 -11.26 0.000 -42.87905 -30.16814

ctry100 | -15.32725 3.457051 -4.43 0.000 -22.10295 -8.551555

ctry101 | 21.00984 5.631248 3.73 0.000 9.972797 32.04688

ctry102 | -61.77971 5.138442 -12.02 0.000 -71.85087 -51.70855

ctry103 | -59.69353 4.786187 -12.47 0.000 -69.07429 -50.31278

ctry104 | -13.21816 1.041537 -12.69 0.000 -15.25953 -11.17678

ctry105 | 20.94784 4.609609 4.54 0.000 11.91317 29.98251

ctry106 | 41.99761 6.149546 6.83 0.000 29.94472 54.0505

ctry107 | -60.90032 5.166052 -11.79 0.000 -71.0256 -50.77504

ctry108 | 27.52044 3.314722 8.30 0.000 21.0237 34.01717

ctry109 | -42.2453 3.192026 -13.23 0.000 -48.50156 -35.98905

ctry110 | -36.85512 2.479549 -14.86 0.000 -41.71495 -31.99529

ctry111 | -18.08204 .9724559 -18.59 0.000 -19.98802 -16.17606

ctry112 | -35.19698 2.42158 -14.53 0.000 -39.94319 -30.45077

ctry113 | -55.13105 4.315734 -12.77 0.000 -63.58974 -46.67237

ctry114 | -48.47484 3.824615 -12.67 0.000 -55.97095 -40.97873

ctry115 | 36.24697 7.562597 4.79 0.000 21.42455 51.06939

ctry116 | -41.19765 3.976794 -10.36 0.000 -48.99203 -33.40328

ctry117 | -48.13649 3.329306 -14.46 0.000 -54.66181 -41.61117

ctry118 | -41.16445 2.525298 -16.30 0.000 -46.11394 -36.21496

ctry119 | 10.53667 6.673244 1.58 0.114 -2.542644 23.61599

ctry120 | 0 (omitted)

ctry121 | -24.37705 .9088848 -26.82 0.000 -26.15843 -22.59567

ctry122 | -14.23345 1.695422 -8.40 0.000 -17.55642 -10.91049

ctry123 | 1.921421 3.447106 0.56 0.577 -4.834782 8.677624

ctry124 | -40.51853 2.838074 -14.28 0.000 -46.08105 -34.95601

ctry125 | -45.33653 4.655094 -9.74 0.000 -54.46034 -36.21271

ctry126 | 64.11986 12.04929 5.32 0.000 40.50369 87.73603

ctry127 | -60.13046 5.067249 -11.87 0.000 -70.06208 -50.19883

ctry128 | -45.54948 3.774758 -12.07 0.000 -52.94787 -38.15109

ctry129 | -49.27789 3.554509 -13.86 0.000 -56.2446 -42.31118

ctry130 | -11.4925 1.805743 -6.36 0.000 -15.03169 -7.953308

ctry131 | -18.65443 6.015513 -3.10 0.002 -30.44462 -6.864238

ctry132 | -60.65522 4.865433 -12.47 0.000 -70.1913 -51.11915

ctry133 | 0 (omitted)

ctry134 | 5.921673 4.128503 1.43 0.151 -2.170044 14.01339

ctry135 | -63.04443 5.34229 -11.80 0.000 -73.51512 -52.57373

ctry136 | -60.04733 5.139199 -11.68 0.000 -70.11997 -49.97468

ctry137 | -36.40325 1.908864 -19.07 0.000 -40.14455 -32.66194

ctry138 | 6.202514 2.595975 2.39 0.017 1.114496 11.29053

ctry139 | -36.89474 1.995526 -18.49 0.000 -40.8059 -32.98358

ctry140 | 12.4532 2.458045 5.07 0.000 7.63552 17.27088

ctry141 | -41.68622 2.752608 -15.14 0.000 -47.08123 -36.2912

ctry142 | -16.13186 .9133885 -17.66 0.000 -17.92207 -14.34165

ctry143 | -9.145244 2.23312 -4.10 0.000 -13.52208 -4.768408

ctry144 | 2.307444 1.8124 1.27 0.203 -1.244795 5.859682

ctry145 | 5.995578 6.748442 0.89 0.374 -7.231125 19.22228

ctry146 | -42.94854 2.002371 -21.45 0.000 -46.87311 -39.02396

ctry147 | -38.29479 5.420854 -7.06 0.000 -48.91947 -27.67011

ctry148 | 8.74332 2.98007 2.93 0.003 2.90249 14.58415

ctry149 | -59.7983 4.776118 -12.52 0.000 -69.15932 -50.43728

ctry150 | 9.674219 2.142558 4.52 0.000 5.474883 13.87356

ctry151 | -57.40973 4.953583 -11.59 0.000 -67.11858 -47.70089

ctry152 | 20.58306 5.46913 3.76 0.000 9.863765 31.30236

ctry153 | -45.38101 3.578257 -12.68 0.000 -52.39426 -38.36776

ctry154 | -15.32592 3.264917 -4.69 0.000 -21.72504 -8.926801

ctry155 | -42.11556 3.928878 -10.72 0.000 -49.81602 -34.4151

ctry156 | 4.881171 2.077799 2.35 0.019 .80876 8.953583

ctry157 | 5.229631 4.757465 1.10 0.272 -4.09483 14.55409

\_cons | 0 (omitted)

-------------+----------------------------------------------------------------

rho | .9734577

------------------------------------------------------------------------------

. xtpcse lwdi\_mortinf lrgdpnapc L.vdem\_libdem yr\* ctry\*, c(ar1)

note: yr1 omitted because of collinearity

note: yr3 omitted because of collinearity

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

(note: estimates of rho outside [-1,1] bounded to be in the range [-1,1])

(note: the number of observations per panel, e(n\_sigma) = 3,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.593548; you may want to consider the pairwise option)

Prais-Winsten regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,137

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: common AR(1) min = 3

Sigma computed by casewise selection avg = 39.593548

max = 45

Estimated covariances = 12090 R-squared = 0.9744

Estimated autocorrelations = 1 Wald chi2(85) = 4.91e+08

Estimated coefficients = 201 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

lwdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.0800684 .0054912 -14.58 0.000 -.0908309 -.069306

|

vdem\_libdem |

L1. | -.0225541 .0091188 -2.47 0.013 -.0404267 -.0046814

|

yr1 | 0 (omitted)

yr2 | 1.448064 .0108841 133.04 0.000 1.426731 1.469396

yr3 | 1.420562 .0109802 129.38 0.000 1.399041 1.442082

yr4 | 1.392324 .010722 129.86 0.000 1.371309 1.413339

yr5 | 1.362825 .010524 129.50 0.000 1.342198 1.383452

yr6 | 1.327112 .0101898 130.24 0.000 1.30714 1.347083

yr7 | 1.290636 .0101732 126.87 0.000 1.270696 1.310575

yr8 | 1.252613 .0102571 122.12 0.000 1.232509 1.272717

yr9 | 1.214154 .0101872 119.18 0.000 1.194187 1.23412

yr10 | 1.17569 .009709 121.09 0.000 1.156661 1.194719

yr11 | 1.13753 .0095536 119.07 0.000 1.118805 1.156255

yr12 | 1.10011 .0095015 115.78 0.000 1.081488 1.118733

yr13 | 1.063209 .0093861 113.27 0.000 1.044813 1.081606

yr14 | 1.027445 .0091996 111.68 0.000 1.009414 1.045476

yr15 | .9948453 .0089865 110.70 0.000 .9772321 1.012459

yr16 | .9636367 .0084397 114.18 0.000 .9470953 .9801781

yr17 | .9340777 .0083132 112.36 0.000 .9177842 .9503712

yr18 | .9046847 .0081426 111.11 0.000 .8887255 .9206439

yr19 | .8762587 .0080629 108.68 0.000 .8604556 .8920618

yr20 | .8480495 .0080051 105.94 0.000 .8323599 .8637392

yr21 | .8203265 .0079267 103.49 0.000 .8047905 .8358625

yr22 | .7912378 .0078401 100.92 0.000 .7758714 .8066042

yr23 | .7642667 .0077201 99.00 0.000 .7491356 .7793978

yr24 | .7365602 .0063427 116.13 0.000 .7241288 .7489916

yr25 | .7118763 .0060248 118.16 0.000 .7000679 .7236847

yr26 | .6838897 .0056725 120.56 0.000 .6727718 .6950076

yr27 | .6559602 .0053329 123.00 0.000 .6455078 .6664125

yr28 | .6276811 .0049759 126.15 0.000 .6179286 .6374336

yr29 | .5977325 .0046873 127.52 0.000 .5885454 .6069195

yr30 | .5632796 .0044042 127.90 0.000 .5546475 .5719116

yr31 | .5294319 .0040679 130.15 0.000 .5214589 .5374048

yr32 | .4935597 .0037734 130.80 0.000 .4861639 .5009554

yr33 | .4567426 .0034391 132.81 0.000 .4500021 .4634831

yr34 | .4194905 .0031191 134.49 0.000 .4133771 .4256039

yr35 | .3852347 .002773 138.92 0.000 .3797998 .3906697

yr36 | .3462833 .0024225 142.95 0.000 .3415353 .3510313

yr37 | .3102526 .0020771 149.36 0.000 .3061815 .3143237

yr38 | .2745692 .0016052 171.05 0.000 .271423 .2777154

yr39 | .2383263 .0013601 175.22 0.000 .2356605 .2409921

yr40 | .1996732 .0012128 164.63 0.000 .1972961 .2020503

yr41 | .1659542 .0009675 171.52 0.000 .1640579 .1678505

yr42 | .1288584 .0007613 169.27 0.000 .1273664 .1303505

yr43 | .0955923 .0005639 169.53 0.000 .0944872 .0966974

yr44 | .0626681 .0003784 165.61 0.000 .0619264 .0634098

yr45 | .0301173 .0001684 178.81 0.000 .0297872 .0304474

yr46 | 0 (omitted)

ctry1 | .0846512 .032738 2.59 0.010 .020486 .1488164

ctry2 | -1.019107 .0381449 -26.72 0.000 -1.09387 -.9443447

ctry3 | -.5099353 .0563234 -9.05 0.000 -.6203273 -.3995434

ctry4 | .2251213 .0510004 4.41 0.000 .1251624 .3250802

ctry5 | -.2690451 .0364168 -7.39 0.000 -.3404207 -.1976696

ctry6 | -1.241025 .0606911 -20.45 0.000 -1.359977 -1.122073

ctry7 | -2.369232 .0599416 -39.53 0.000 -2.486715 -2.251748

ctry8 | -2.286159 .0916611 -24.94 0.000 -2.465812 -2.106507

ctry9 | -.2990516 .0692211 -4.32 0.000 -.4347224 -.1633808

ctry10 | -1.084734 .0703046 -15.43 0.000 -1.222529 -.9469398

ctry11 | -1.486325 .0505341 -29.41 0.000 -1.58537 -1.38728

ctry12 | -2.343128 .035435 -66.12 0.000 -2.412579 -2.273677

ctry13 | -.2945407 .0321204 -9.17 0.000 -.3574955 -.2315858

ctry14 | -2.070379 .0667008 -31.04 0.000 -2.20111 -1.939648

ctry15 | -.5636585 .0534632 -10.54 0.000 -.6684445 -.4588726

ctry16 | -.7696763 .0711229 -10.82 0.000 -.9090745 -.630278

ctry17 | -1.800403 .0617996 -29.13 0.000 -1.921527 -1.679278

ctry18 | -.3277105 .0439038 -7.46 0.000 -.4137604 -.2416607

ctry19 | -.1544967 .0345184 -4.48 0.000 -.2221515 -.0868418

ctry20 | -2.251427 .1243558 -18.10 0.000 -2.49516 -2.007694

ctry21 | -.29484 .084901 -3.47 0.001 -.461243 -.128437

ctry22 | -.1135316 .0319583 -3.55 0.000 -.1761688 -.0508944

ctry23 | -2.273501 .0751329 -30.26 0.000 -2.420759 -2.126244

ctry24 | -.8231801 .0341123 -24.13 0.000 -.890039 -.7563212

ctry25 | .0653719 .0575261 1.14 0.256 -.0473771 .178121

ctry26 | -1.498546 .0325803 -46.00 0.000 -1.562402 -1.43469

ctry27 | .0098826 .0988553 0.10 0.920 -.1838703 .2036354

ctry28 | -1.519056 .0737778 -20.59 0.000 -1.663657 -1.374454

ctry29 | -1.171297 .1389726 -8.43 0.000 -1.443679 -.8989161

ctry30 | -1.09695 .0344739 -31.82 0.000 -1.164518 -1.029382

ctry31 | -.0796809 .0539837 -1.48 0.140 -.1854871 .0261252

ctry32 | -.4198513 .0731598 -5.74 0.000 -.5632418 -.2764607

ctry33 | .0486649 .0599563 0.81 0.417 -.0688472 .1661771

ctry34 | -1.563345 .037585 -41.59 0.000 -1.637011 -1.48968

ctry35 | -2.239171 .0382695 -58.51 0.000 -2.314178 -2.164164

ctry36 | -2.113428 .0583676 -36.21 0.000 -2.227826 -1.99903

ctry37 | -2.367429 .1287224 -18.39 0.000 -2.61972 -2.115137

ctry38 | -2.572257 .0706082 -36.43 0.000 -2.710647 -2.433868

ctry39 | .0042186 .0705869 0.06 0.952 -.1341292 .1425663

ctry40 | -2.482519 .1430809 -17.35 0.000 -2.762953 -2.202086

ctry41 | -.6719224 .0700942 -9.59 0.000 -.8093045 -.5345402

ctry42 | -.7740599 .0338464 -22.87 0.000 -.8403975 -.7077223

ctry43 | -.854718 .0641213 -13.33 0.000 -.9803934 -.7290426

ctry44 | .3698091 .039039 9.47 0.000 .2932941 .4463241

ctry45 | -.0490638 .0454763 -1.08 0.281 -.1381958 .0400681

ctry46 | -2.278908 .1792068 -12.72 0.000 -2.630147 -1.927669

ctry47 | -2.785414 .1080334 -25.78 0.000 -2.997155 -2.573672

ctry48 | -2.486168 .0612156 -40.61 0.000 -2.606148 -2.366187

ctry49 | -.0370322 .0527598 -0.70 0.483 -.1404395 .0663752

ctry50 | -.3060024 .0512024 -5.98 0.000 -.4063572 -.2056475

ctry51 | -1.109986 .1391388 -7.98 0.000 -1.382693 -.8372791

ctry52 | -.2856444 .0480706 -5.94 0.000 -.3798611 -.1914278

ctry53 | -2.513728 .10462 -24.03 0.000 -2.718779 -2.308676

ctry54 | -.2748369 .0374237 -7.34 0.000 -.3481861 -.2014878

ctry55 | -2.245149 .0542176 -41.41 0.000 -2.351413 -2.138884

ctry56 | -.5239687 .0319808 -16.38 0.000 -.5866499 -.4612874

ctry57 | .0896242 .034049 2.63 0.008 .0228894 .156359

ctry58 | -.0739278 .0449479 -1.64 0.100 -.1620241 .0141685

ctry59 | -.8397885 .0383945 -21.87 0.000 -.9150403 -.7645367

ctry60 | -1.888714 .0334639 -56.44 0.000 -1.954302 -1.823126

ctry61 | -2.874149 .0705117 -40.76 0.000 -3.012349 -2.735948

ctry62 | -.2544608 .0363817 -6.99 0.000 -.3257677 -.183154

ctry63 | -.5775853 .0322265 -17.92 0.000 -.640748 -.5144226

ctry64 | -.7364247 .0637411 -11.55 0.000 -.861355 -.6114944

ctry65 | -.6389773 .0495354 -12.90 0.000 -.736065 -.5418896

ctry66 | -2.366698 .0347423 -68.12 0.000 -2.434792 -2.298605

ctry67 | -2.243447 .080847 -27.75 0.000 -2.401904 -2.08499

ctry68 | -2.259422 .0510476 -44.26 0.000 -2.359473 -2.15937

ctry69 | .0897815 .0537488 1.67 0.095 -.0155642 .1951272

ctry70 | -1.308542 .0395726 -33.07 0.000 -1.386103 -1.230981

ctry71 | -2.815514 .0631819 -44.56 0.000 -2.939348 -2.691679

ctry72 | -.9006933 .2440315 -3.69 0.000 -1.378986 -.4224003

ctry73 | -1.068916 .033948 -31.49 0.000 -1.135453 -1.002379

ctry74 | -.4942986 .0467459 -10.57 0.000 -.5859189 -.4026784

ctry75 | -1.149126 .1034384 -11.11 0.000 -1.351861 -.94639

ctry76 | -2.007349 .0619852 -32.38 0.000 -2.128838 -1.88586

ctry77 | -1.437656 .0577765 -24.88 0.000 -1.550896 -1.324417

ctry78 | -.6830194 .064923 -10.52 0.000 -.8102661 -.5557726

ctry79 | .0001394 .0442979 0.00 0.997 -.086683 .0869617

ctry80 | -1.448151 .0654889 -22.11 0.000 -1.576507 -1.319795

ctry81 | -.100651 .1380379 -0.73 0.466 -.3712004 .1698983

ctry82 | -1.931719 .1955295 -9.88 0.000 -2.31495 -1.548488

ctry83 | .0659649 .0386908 1.70 0.088 -.0098676 .1417975

ctry84 | -.9353024 .1444089 -6.48 0.000 -1.218339 -.6522662

ctry85 | -2.052725 .135024 -15.20 0.000 -2.317367 -1.788083

ctry86 | -.416481 .0310442 -13.42 0.000 -.4773264 -.3556355

ctry87 | -.0601386 .0970595 -0.62 0.536 -.2503717 .1300945

ctry88 | -1.736688 .109251 -15.90 0.000 -1.950816 -1.52256

ctry89 | .1437089 .0479966 2.99 0.003 .0496374 .2377805

ctry90 | 0 (omitted)

ctry91 | -.2391749 .0753977 -3.17 0.002 -.3869517 -.0913982

ctry92 | -1.267276 .0840094 -15.08 0.000 -1.431932 -1.102621

ctry93 | -1.007186 .0340127 -29.61 0.000 -1.07385 -.9405223

ctry94 | -.5204209 .097721 -5.33 0.000 -.7119505 -.3288912

ctry95 | -1.163729 .0766915 -15.17 0.000 -1.314041 -1.013416

ctry96 | -2.113149 .2073313 -10.19 0.000 -2.519511 -1.706787

ctry97 | -.525974 .0334909 -15.71 0.000 -.5916149 -.4603332

ctry98 | .1109231 .0390154 2.84 0.004 .0344543 .1873919

ctry99 | -1.460263 .0551446 -26.48 0.000 -1.568345 -1.352182

ctry100 | -.4272857 .0588538 -7.26 0.000 -.542637 -.3119343

ctry101 | -.2857375 .0606816 -4.71 0.000 -.4046713 -.1668037

ctry102 | -2.516469 .0652084 -38.59 0.000 -2.644275 -2.388663

ctry103 | -2.230279 .0484687 -46.01 0.000 -2.325276 -2.135282

ctry104 | -.7193932 .0448389 -16.04 0.000 -.8072759 -.6315105

ctry105 | -.1121227 .0346383 -3.24 0.001 -.1800126 -.0442329

ctry106 | .1626458 .0466631 3.49 0.000 .0711878 .2541037

ctry107 | -2.639395 .0637457 -41.41 0.000 -2.764334 -2.514455

ctry108 | .0355999 .0673476 0.53 0.597 -.096399 .1675988

ctry109 | -1.194603 .0484861 -24.64 0.000 -1.289634 -1.099572

ctry110 | -1.022506 .0437483 -23.37 0.000 -1.108251 -.9367606

ctry111 | -.8292309 .0697771 -11.88 0.000 -.9659915 -.6924703

ctry112 | -.9341701 .0575557 -16.23 0.000 -1.046977 -.821363

ctry113 | -1.976651 .0465708 -42.44 0.000 -2.067928 -1.885374

ctry114 | -2.022436 .0532231 -38.00 0.000 -2.126751 -1.918121

ctry115 | .1653933 .0338064 4.89 0.000 .0991339 .2316527

ctry116 | -1.398363 .0698531 -20.02 0.000 -1.535272 -1.261453

ctry117 | -1.498626 .0486053 -30.83 0.000 -1.59389 -1.403361

ctry118 | -1.604073 .05696 -28.16 0.000 -1.715713 -1.492434

ctry119 | -.3145945 .0912379 -3.45 0.001 -.4934176 -.1357715

ctry120 | 0 (omitted)

ctry121 | -.6762195 .0308567 -21.91 0.000 -.7366975 -.6157416

ctry122 | -.8118046 .0595187 -13.64 0.000 -.9284591 -.6951501

ctry123 | -.3587415 .0330103 -10.87 0.000 -.4234405 -.2940424

ctry124 | -2.025128 .084013 -24.10 0.000 -2.18979 -1.860466

ctry125 | -1.452166 .1289961 -11.26 0.000 -1.704994 -1.199338

ctry126 | .2961394 .0448458 6.60 0.000 .2082433 .3840356

ctry127 | -2.601294 .0614707 -42.32 0.000 -2.721774 -2.480814

ctry128 | -2.065464 .0420717 -49.09 0.000 -2.147923 -1.983005

ctry129 | -2.711788 .1363718 -19.89 0.000 -2.979072 -2.444504

ctry130 | -.4368346 .0797521 -5.48 0.000 -.5931459 -.2805234

ctry131 | -.5556156 .050574 -10.99 0.000 -.6547389 -.4564924

ctry132 | -2.456913 .0524619 -46.83 0.000 -2.559737 -2.35409

ctry133 | 0 (omitted)

ctry134 | -.2046663 .056203 -3.64 0.000 -.3148223 -.0945104

ctry135 | -2.76526 .0738365 -37.45 0.000 -2.909977 -2.620543

ctry136 | -2.42611 .0688165 -35.25 0.000 -2.560988 -2.291233

ctry137 | -1.151246 .0474182 -24.28 0.000 -1.244184 -1.058307

ctry138 | -.1228064 .0331515 -3.70 0.000 -.1877821 -.0578307

ctry139 | -1.198763 .0420559 -28.50 0.000 -1.281191 -1.116335

ctry140 | -.1889663 .0542306 -3.48 0.000 -.2952562 -.0826764

ctry141 | -1.11683 .0464345 -24.05 0.000 -1.20784 -1.02582

ctry142 | -.8765605 .0610566 -14.36 0.000 -.9962292 -.7568918

ctry143 | -.7388103 .1357886 -5.44 0.000 -1.004951 -.4726696

ctry144 | -.0642656 .0578383 -1.11 0.267 -.1776265 .0490954

ctry145 | -.2700875 .064305 -4.20 0.000 -.3961229 -.1440521

ctry146 | -1.621589 .0559742 -28.97 0.000 -1.731296 -1.511881

ctry147 | -1.380734 .223547 -6.18 0.000 -1.818878 -.9425901

ctry148 | -.4617645 .0538898 -8.57 0.000 -.5673866 -.3561424

ctry149 | -2.31419 .0404501 -57.21 0.000 -2.393471 -2.234909

ctry150 | -.2331892 .0441529 -5.28 0.000 -.3197273 -.1466511

ctry151 | -2.06043 .0673032 -30.61 0.000 -2.192342 -1.928518

ctry152 | -.126147 .0337592 -3.74 0.000 -.1923139 -.0599801

ctry153 | -1.456138 .0364122 -39.99 0.000 -1.527505 -1.384771

ctry154 | -.5073067 .0955669 -5.31 0.000 -.6946144 -.319999

ctry155 | -1.197424 .082522 -14.51 0.000 -1.359165 -1.035684

ctry156 | -.115383 .0818514 -1.41 0.159 -.2758088 .0450427

ctry157 | -.2170093 .0542416 -4.00 0.000 -.323321 -.1106977

\_cons | 4.473439 .0533979 83.78 0.000 4.368781 4.578097

-------------+----------------------------------------------------------------

rho | .9590186

------------------------------------------------------------------------------

.

. \*\*\* Models 5 and 6: pooled OLS with country and year fixed effects, a lagged dependent variable, and panel-corrected standard errors

.

. xtpcse wdi\_mortinf lrgdpnapc L.vdem\_libdem L.wdi\_mortinf yr\* ctry\*, c(ar1)

note: yr1 omitted because of collinearity

note: yr2 omitted because of collinearity

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

(note: estimates of rho outside [-1,1] bounded to be in the range [-1,1])

(note: the number of observations per panel, e(n\_sigma) = 3,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.496774; you may want to consider the pairwise option)

Prais-Winsten regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,122

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: common AR(1) min = 3

Sigma computed by casewise selection avg = 39.496774

max = 45

Estimated covariances = 12090 R-squared = 0.9898

Estimated autocorrelations = 1 Wald chi2(88) = 4.96e+09

Estimated coefficients = 202 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

wdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.301882 .1019338 -2.96 0.003 -.5016687 -.1020954

|

vdem\_libdem |

L1. | .3095276 .1079001 2.87 0.004 .0980473 .5210078

|

wdi\_mortinf |

L1. | .9331773 .0054375 171.62 0.000 .92252 .9438345

|

yr1 | 0 (omitted)

yr2 | 0 (omitted)

yr3 | -.1090511 .0156968 -6.95 0.000 -.1398163 -.0782859

yr4 | -.2480229 .026111 -9.50 0.000 -.2991995 -.1968464

yr5 | -.438936 .0354442 -12.38 0.000 -.5084054 -.3694666

yr6 | -.6502268 .0441401 -14.73 0.000 -.7367399 -.5637137

yr7 | -.8390107 .0528384 -15.88 0.000 -.9425721 -.7354494

yr8 | -.9896873 .0631949 -15.66 0.000 -1.113547 -.8658275

yr9 | -1.11023 .0739218 -15.02 0.000 -1.255114 -.9653462

yr10 | -1.181088 .0849643 -13.90 0.000 -1.347615 -1.014561

yr11 | -1.233813 .0965165 -12.78 0.000 -1.422982 -1.044644

yr12 | -1.273521 .1077343 -11.82 0.000 -1.484677 -1.062366

yr13 | -1.30344 .1187033 -10.98 0.000 -1.536094 -1.070785

yr14 | -1.306706 .1291763 -10.12 0.000 -1.559887 -1.053525

yr15 | -1.287973 .1386821 -9.29 0.000 -1.559785 -1.016161

yr16 | -1.284622 .1473517 -8.72 0.000 -1.573426 -.9958182

yr17 | -1.259091 .1556485 -8.09 0.000 -1.564157 -.9540258

yr18 | -1.271775 .1631685 -7.79 0.000 -1.591579 -.9519704

yr19 | -1.279269 .1699606 -7.53 0.000 -1.612386 -.9461527

yr20 | -1.283034 .1765328 -7.27 0.000 -1.629032 -.9370363

yr21 | -1.267944 .1827775 -6.94 0.000 -1.626181 -.9097069

yr22 | -1.289817 .189084 -6.82 0.000 -1.660415 -.9192194

yr23 | -1.292085 .1940386 -6.66 0.000 -1.672394 -.9117761

yr24 | -1.274806 .1986261 -6.42 0.000 -1.664106 -.8855055

yr25 | -1.261444 .202199 -6.24 0.000 -1.657747 -.8651411

yr26 | -1.51397 .2050299 -7.38 0.000 -1.915822 -1.112119

yr27 | -1.625348 .2088504 -7.78 0.000 -2.034687 -1.216008

yr28 | -1.697 .2128268 -7.97 0.000 -2.114132 -1.279867

yr29 | -1.837971 .2174161 -8.45 0.000 -2.264099 -1.411843

yr30 | -2.123128 .2224681 -9.54 0.000 -2.559157 -1.687098

yr31 | -2.254011 .2284268 -9.87 0.000 -2.701719 -1.806302

yr32 | -2.445242 .2348078 -10.41 0.000 -2.905457 -1.985027

yr33 | -2.543897 .2415955 -10.53 0.000 -3.017415 -2.070378

yr34 | -2.620396 .2485737 -10.54 0.000 -3.107592 -2.133201

yr35 | -2.663506 .2548683 -10.45 0.000 -3.163039 -2.163974

yr36 | -2.766057 .2611239 -10.59 0.000 -3.27785 -2.254263

yr37 | -2.772131 .2673122 -10.37 0.000 -3.296053 -2.248208

yr38 | -2.753799 .2731232 -10.08 0.000 -3.289111 -2.218488

yr39 | -2.708373 .2788452 -9.71 0.000 -3.254899 -2.161846

yr40 | -2.837291 .2850372 -9.95 0.000 -3.395954 -2.278629

yr41 | -2.657305 .2903228 -9.15 0.000 -3.226328 -2.088283

yr42 | -3.004452 .2946271 -10.20 0.000 -3.581911 -2.426994

yr43 | -2.794537 .3003568 -9.30 0.000 -3.383226 -2.205849

yr44 | -2.814124 .3048142 -9.23 0.000 -3.411549 -2.216699

yr45 | -2.83324 .3089001 -9.17 0.000 -3.438673 -2.227807

yr46 | -2.811249 .3130815 -8.98 0.000 -3.424877 -2.19762

ctry1 | 3.433655 .6014916 5.71 0.000 2.254753 4.612557

ctry2 | -.4908978 .2355516 -2.08 0.037 -.9525705 -.029225

ctry3 | .9029808 .3158211 2.86 0.004 .2839829 1.521979

ctry4 | 4.230511 .6530899 6.48 0.000 2.950478 5.510544

ctry5 | 1.541827 .3098254 4.98 0.000 .9345805 2.149074

ctry6 | -.061176 .1711548 -0.36 0.721 -.3966333 .2742813

ctry7 | -.6229838 .2246012 -2.77 0.006 -1.063194 -.1827736

ctry8 | -.6322463 .2391169 -2.64 0.008 -1.100907 -.1635858

ctry9 | 2.043767 .4639929 4.40 0.000 1.134358 2.953177

ctry10 | -.1786735 .2606195 -0.69 0.493 -.6894784 .3321314

ctry11 | -.5544268 .1717392 -3.23 0.001 -.8910295 -.2178242

ctry12 | -.7019731 .2028054 -3.46 0.001 -1.099464 -.3044818

ctry13 | 1.738454 .3527086 4.93 0.000 1.047158 2.42975

ctry14 | -.4630223 .282932 -1.64 0.102 -1.017559 .0915142

ctry15 | .8253972 .895012 0.92 0.356 -.928794 2.579588

ctry16 | .5316779 .2489543 2.14 0.033 .0437364 1.019619

ctry17 | -.5113534 .1585194 -3.23 0.001 -.8220457 -.2006611

ctry18 | 2.014646 .3479367 5.79 0.000 1.332703 2.696589

ctry19 | 3.145296 .5408238 5.82 0.000 2.085301 4.205291

ctry20 | -.1662849 .1703098 -0.98 0.329 -.5000859 .1675162

ctry21 | -.0059056 .4109037 -0.01 0.989 -.8112621 .7994508

ctry22 | 2.921414 .553765 5.28 0.000 1.836055 4.006774

ctry23 | -.6409228 .2135588 -3.00 0.003 -1.05949 -.2223553

ctry24 | .0004317 .2034391 0.00 0.998 -.3983015 .399165

ctry25 | 4.600727 .755353 6.09 0.000 3.120263 6.081192

ctry26 | -.540744 .2130654 -2.54 0.011 -.9583445 -.1231436

ctry27 | 4.326759 .4834217 8.95 0.000 3.37927 5.274248

ctry28 | -.6290618 .2261894 -2.78 0.005 -1.072385 -.1857387

ctry29 | -.3817461 .2181032 -1.75 0.080 -.8092205 .0457282

ctry30 | -.154131 .181532 -0.85 0.396 -.5099271 .2016651

ctry31 | 2.455631 .4654629 5.28 0.000 1.543341 3.367922

ctry32 | 1.945254 .2762181 7.04 0.000 1.403876 2.486631

ctry33 | 4.255805 .5788452 7.35 0.000 3.121289 5.390321

ctry34 | -1.177972 .1885398 -6.25 0.000 -1.547503 -.8084403

ctry35 | -.1803913 .1549187 -1.16 0.244 -.4840265 .1232439

ctry36 | -1.193991 .2969413 -4.02 0.000 -1.775985 -.6119966

ctry37 | -.6551029 .1960786 -3.34 0.001 -1.03941 -.270796

ctry38 | -.362651 .2131574 -1.70 0.089 -.7804317 .0551297

ctry39 | 3.468445 .52363 6.62 0.000 2.442149 4.494741

ctry40 | -.6530838 .2522789 -2.59 0.010 -1.147541 -.1586263

ctry41 | .7793284 .1976575 3.94 0.000 .3919268 1.16673

ctry42 | .3988801 .2044656 1.95 0.051 -.0018652 .7996253

ctry43 | .3507288 .236798 1.48 0.139 -.1133867 .8148444

ctry44 | 4.234015 .6560416 6.45 0.000 2.948197 5.519833

ctry45 | 1.045429 .3840668 2.72 0.006 .2926723 1.798186

ctry46 | -.3718603 .2157384 -1.72 0.085 -.7946997 .0509791

ctry47 | -.8163823 .2415065 -3.38 0.001 -1.289726 -.3430384

ctry48 | -.7023398 .201579 -3.48 0.000 -1.097427 -.3072522

ctry49 | 2.697788 .4281212 6.30 0.000 1.858686 3.53689

ctry50 | 1.926531 .4861572 3.96 0.000 .9736802 2.879382

ctry51 | .0017943 .1822799 0.01 0.992 -.3554677 .3590562

ctry52 | 2.018893 .3555356 5.68 0.000 1.322056 2.71573

ctry53 | -.0963438 .177255 -0.54 0.587 -.4437572 .2510696

ctry54 | 2.204628 .3605056 6.12 0.000 1.49805 2.911206

ctry55 | -.7944146 .1800752 -4.41 0.000 -1.147355 -.4414737

ctry56 | .9779256 .2678152 3.65 0.000 .4530174 1.502834

ctry57 | 4.147462 .6598589 6.29 0.000 2.854162 5.440761

ctry58 | 2.831282 .4746564 5.96 0.000 1.900973 3.761592

ctry59 | .0752896 .2302153 0.33 0.744 -.3759242 .5265033

ctry60 | -.4530912 .1696741 -2.67 0.008 -.7856463 -.1205361

ctry61 | -.7966029 .239546 -3.33 0.001 -1.266104 -.3271013

ctry62 | 1.937471 .421545 4.60 0.000 1.111258 2.763684

ctry63 | .8662843 .2492736 3.48 0.001 .3777169 1.354852

ctry64 | .1127523 .2442234 0.46 0.644 -.3659168 .5914213

ctry65 | .8623827 .2246729 3.84 0.000 .4220319 1.302733

ctry66 | -.6495952 .2070529 -3.14 0.002 -1.055411 -.2437789

ctry67 | -.7627469 .2422519 -3.15 0.002 -1.237552 -.2879419

ctry68 | -.7875106 .2025855 -3.89 0.000 -1.184571 -.3904502

ctry69 | 3.460752 .5864738 5.90 0.000 2.311285 4.61022

ctry70 | -.2565917 .1524211 -1.68 0.092 -.5553315 .0421481

ctry71 | -.8257521 .2461715 -3.35 0.001 -1.308239 -.3432648

ctry72 | .5498393 .2280207 2.41 0.016 .102927 .9967517

ctry73 | -.0284774 .1671014 -0.17 0.865 -.3559901 .2990354

ctry74 | 1.413036 .4610652 3.06 0.002 .5093647 2.316707

ctry75 | .5526362 .2585943 2.14 0.033 .0458007 1.059472

ctry76 | -.9135432 .2138763 -4.27 0.000 -1.332733 -.4943533

ctry77 | -.0003832 .2390187 -0.00 0.999 -.4688512 .4680848

ctry78 | .4905824 .2175504 2.26 0.024 .0641914 .9169734

ctry79 | 2.814829 .4570835 6.16 0.000 1.918962 3.710696

ctry80 | -.0500436 .1538795 -0.33 0.745 -.3516419 .2515548

ctry81 | 3.044643 .8157981 3.73 0.000 1.445708 4.643578

ctry82 | -.1061413 .154336 -0.69 0.492 -.4086343 .1963517

ctry83 | 4.18183 .6735621 6.21 0.000 2.861673 5.501988

ctry84 | .0348929 .2257608 0.15 0.877 -.4075901 .4773758

ctry85 | -.2157027 .3132254 -0.69 0.491 -.8296132 .3982079

ctry86 | 2.568374 .3772328 6.81 0.000 1.829011 3.307737

ctry87 | 2.891106 .6454566 4.48 0.000 1.626034 4.156178

ctry88 | -.5430112 .2479083 -2.19 0.028 -1.028903 -.0571198

ctry89 | 4.380547 .6217528 7.05 0.000 3.161933 5.59916

ctry90 | 0 (omitted)

ctry91 | 2.716782 .3358014 8.09 0.000 2.058623 3.374941

ctry92 | -.1850895 .2224433 -0.83 0.405 -.6210704 .2508913

ctry93 | .149063 .1908554 0.78 0.435 -.2250067 .5231328

ctry94 | .636604 .3057177 2.08 0.037 .0374083 1.2358

ctry95 | .3435351 .1939924 1.77 0.077 -.0366831 .7237533

ctry96 | 0 (omitted)

ctry97 | 1.127521 .2963546 3.80 0.000 .5466765 1.708365

ctry98 | 4.105195 .6494297 6.32 0.000 2.832337 5.378054

ctry99 | .7921682 .2358822 3.36 0.001 .3298477 1.254489

ctry100 | 1.570912 1.635427 0.96 0.337 -1.634467 4.776291

ctry101 | 1.680958 .4660977 3.61 0.000 .7674236 2.594493

ctry102 | -.6475038 .20873 -3.10 0.002 -1.056607 -.2384005

ctry103 | -.5936566 .1935588 -3.07 0.002 -.9730249 -.2142882

ctry104 | .4136372 .2343188 1.77 0.078 -.0456193 .8728936

ctry105 | 3.884013 .5236838 7.42 0.000 2.857612 4.910415

ctry106 | 4.086537 .5527826 7.39 0.000 3.003103 5.169971

ctry107 | -.5384904 .244501 -2.20 0.028 -1.017704 -.0592772

ctry108 | 3.709545 .5235721 7.09 0.000 2.683363 4.735728

ctry109 | -.0711924 .1810726 -0.39 0.694 -.4260883 .2837035

ctry110 | .4050055 .1786045 2.27 0.023 .0549471 .755064

ctry111 | .4888549 .2154489 2.27 0.023 .0665829 .9111269

ctry112 | .614816 .1888621 3.26 0.001 .2446531 .9849788

ctry113 | -.7042625 .218788 -3.22 0.001 -1.133079 -.275446

ctry114 | -1.143 .2473301 -4.62 0.000 -1.627759 -.6582423

ctry115 | 3.071993 .5508815 5.58 0.000 1.992285 4.151701

ctry116 | .3799272 .2971541 1.28 0.201 -.2024843 .9623386

ctry117 | -.7766659 .2037935 -3.81 0.000 -1.176094 -.377238

ctry118 | .2507107 .1416247 1.77 0.077 -.0268686 .5282901

ctry119 | 2.953445 .4970856 5.94 0.000 1.979175 3.927715

ctry120 | 0 (omitted)

ctry121 | 1.484966 .2931043 5.07 0.000 .9104922 2.05944

ctry122 | .0219542 .2706422 0.08 0.935 -.5084948 .5524033

ctry123 | 1.603829 .3546194 4.52 0.000 .9087873 2.29887

ctry124 | .2186262 .2003737 1.09 0.275 -.1740991 .6113515

ctry125 | -.3100985 .2226833 -1.39 0.164 -.7465497 .1263527

ctry126 | 5.734164 .7464237 7.68 0.000 4.271201 7.197128

ctry127 | -.6849386 .2475538 -2.77 0.006 -1.170135 -.199742

ctry128 | -.0959643 .1891794 -0.51 0.612 -.4667492 .2748205

ctry129 | -.3809371 .1707516 -2.23 0.026 -.7156039 -.0462702

ctry130 | 1.192603 .5899592 2.02 0.043 .0363039 2.348901

ctry131 | 1.599494 .5787073 2.76 0.006 .4652489 2.73374

ctry132 | -.8733225 .2285668 -3.82 0.000 -1.321305 -.4253399

ctry133 | 1.987643 .3143847 6.32 0.000 1.371461 2.603826

ctry134 | 2.305047 1.0784 2.14 0.033 .1914218 4.418671

ctry135 | -.7420482 .2363623 -3.14 0.002 -1.20531 -.2787866

ctry136 | -.5596028 .2235825 -2.50 0.012 -.9978165 -.1213891

ctry137 | -.3374353 .2145471 -1.57 0.116 -.7579398 .0830692

ctry138 | 2.280204 .4219336 5.40 0.000 1.453229 3.107179

ctry139 | -.3237269 .1949912 -1.66 0.097 -.7059026 .0584488

ctry140 | 2.520365 .4206029 5.99 0.000 1.695998 3.344731

ctry141 | .2478728 .1842842 1.35 0.179 -.1133177 .6090632

ctry142 | -.2859851 .2389918 -1.20 0.231 -.7544005 .1824302

ctry143 | .4287714 .2531659 1.69 0.090 -.0674247 .9249674

ctry144 | 2.720879 .39702 6.85 0.000 1.942734 3.499024

ctry145 | 3.057177 .6544482 4.67 0.000 1.774483 4.339872

ctry146 | .0904245 .1654984 0.55 0.585 -.2339464 .4147953

ctry147 | -.3118673 .4514448 -0.69 0.490 -1.196683 .5729484

ctry148 | 1.080137 .3466672 3.12 0.002 .4006813 1.759592

ctry149 | -.6362329 .2188104 -2.91 0.004 -1.065093 -.2073723

ctry150 | 2.581542 .4021652 6.42 0.000 1.793313 3.369771

ctry151 | -.4739517 .2159957 -2.19 0.028 -.8972955 -.0506079

ctry152 | 2.974828 .4473446 6.65 0.000 2.098049 3.851608

ctry153 | -.2753361 .1854187 -1.48 0.138 -.6387501 .0880779

ctry154 | .9960948 .305583 3.26 0.001 .3971631 1.595026

ctry155 | .094208 .1703752 0.55 0.580 -.2397213 .4281373

ctry156 | 1.904775 .3072742 6.20 0.000 1.302528 2.507021

ctry157 | 2.726224 .8649644 3.15 0.002 1.030925 4.421523

\_cons | 5.42374 1.116615 4.86 0.000 3.235216 7.612265

-------------+----------------------------------------------------------------

rho | .8452587

------------------------------------------------------------------------------

. xtpcse lwdi\_mortinf lrgdpnapc L.vdem\_libdem L.lwdi\_mortinf yr\* ctry\*, c(ar1)

note: yr1 omitted because of collinearity

note: yr2 omitted because of collinearity

note: ctry90 omitted because of collinearity

note: ctry120 omitted because of collinearity

note: ctry133 omitted because of collinearity

(note: estimates of rho outside [-1,1] bounded to be in the range [-1,1])

(note: the number of observations per panel, e(n\_sigma) = 3,

used to compute the disturbance of covariance matrix e(Sigma)

is less than half of the average number of observations per panel,

e(n\_avg) = 39.496774; you may want to consider the pairwise option)

Prais-Winsten regression, correlated panels corrected standard errors (PCSEs)

Group variable: ccode Number of obs = 6,122

Time variable: year Number of groups = 155

Panels: correlated (unbalanced) Obs per group:

Autocorrelation: common AR(1) min = 3

Sigma computed by casewise selection avg = 39.496774

max = 45

Estimated covariances = 12090 R-squared = 0.9982

Estimated autocorrelations = 1 Wald chi2(85) = 2.62e+07

Estimated coefficients = 202 Prob > chi2 = 0.0000

------------------------------------------------------------------------------

| Panel-corrected

lwdi\_mortinf | Coef. Std. Err. z P>|z| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.014126 .0018865 -7.49 0.000 -.0178235 -.0104284

|

vdem\_libdem |

L1. | -.0073688 .0032998 -2.23 0.026 -.0138364 -.0009013

|

lwdi\_mortinf |

L1. | .9377761 .0045789 204.80 0.000 .9288016 .9467506

|

yr1 | 0 (omitted)

yr2 | 0 (omitted)

yr3 | -.0025089 .0002148 -11.68 0.000 -.00293 -.0020879

yr4 | -.0050312 .0003519 -14.30 0.000 -.0057208 -.0043415

yr5 | -.0077626 .000514 -15.10 0.000 -.00877 -.0067552

yr6 | -.012663 .0006831 -18.54 0.000 -.0140018 -.0113242

yr7 | -.017292 .0008197 -21.10 0.000 -.0188985 -.0156855

yr8 | -.0210335 .0010053 -20.92 0.000 -.0230038 -.0190631

yr9 | -.0234756 .0011647 -20.16 0.000 -.0257584 -.0211929

yr10 | -.0251309 .0012811 -19.62 0.000 -.0276418 -.02262

yr11 | -.0261901 .0014012 -18.69 0.000 -.0289364 -.0234437

yr12 | -.0275833 .0015521 -17.77 0.000 -.0306254 -.0245413

yr13 | -.0286811 .0017128 -16.75 0.000 -.0320381 -.0253241

yr14 | -.0300375 .0018741 -16.03 0.000 -.0337106 -.0263644

yr15 | -.0306066 .0020288 -15.09 0.000 -.034583 -.0266301

yr16 | -.0310336 .0021772 -14.25 0.000 -.0353009 -.0267663

yr17 | -.0313331 .0023216 -13.50 0.000 -.0358833 -.0267829

yr18 | -.0328036 .0024613 -13.33 0.000 -.0376276 -.0279796

yr19 | -.0338285 .0026013 -13.00 0.000 -.038927 -.0287301

yr20 | -.0345525 .0027437 -12.59 0.000 -.0399301 -.0291748

yr21 | -.0352446 .0028883 -12.20 0.000 -.0409055 -.0295836

yr22 | -.0374392 .0030446 -12.30 0.000 -.0434065 -.031472

yr23 | -.0376893 .0031904 -11.81 0.000 -.0439425 -.0314361

yr24 | -.0379232 .0033652 -11.27 0.000 -.0445188 -.0313276

yr25 | -.0389966 .0034174 -11.41 0.000 -.0456946 -.0322987

yr26 | -.044003 .0034672 -12.69 0.000 -.0507986 -.0372075

yr27 | -.0457974 .0035501 -12.90 0.000 -.0527556 -.0388393

yr28 | -.048003 .0036381 -13.19 0.000 -.0551335 -.0408724

yr29 | -.0501284 .0037499 -13.37 0.000 -.057478 -.0427788

yr30 | -.0564238 .0038714 -14.57 0.000 -.0640116 -.048836

yr31 | -.0583647 .004018 -14.53 0.000 -.0662397 -.0504896

yr32 | -.062295 .0041711 -14.93 0.000 -.0704703 -.0541198

yr33 | -.0651066 .0043461 -14.98 0.000 -.0736249 -.0565883

yr34 | -.067493 .0045245 -14.92 0.000 -.0763607 -.0586252

yr35 | -.0676919 .0046969 -14.41 0.000 -.0768976 -.0584861

yr36 | -.0737837 .0048657 -15.16 0.000 -.0833203 -.0642471

yr37 | -.0733916 .0050475 -14.54 0.000 -.0832845 -.0634987

yr38 | -.0748309 .0052022 -14.38 0.000 -.0850271 -.0646348

yr39 | -.0755439 .0053753 -14.05 0.000 -.0860793 -.0650085

yr40 | -.0773328 .0055538 -13.92 0.000 -.088218 -.0664476

yr41 | -.0776469 .005717 -13.58 0.000 -.0888521 -.0664418

yr42 | -.0822159 .0058756 -13.99 0.000 -.0937318 -.0707

yr43 | -.0809388 .0060439 -13.39 0.000 -.0927846 -.0690931

yr44 | -.0816888 .0062001 -13.18 0.000 -.0938408 -.0695367

yr45 | -.0833026 .0063509 -13.12 0.000 -.09575 -.0708551

yr46 | -.0824027 .0065012 -12.67 0.000 -.0951448 -.0696605

ctry1 | -.0010638 .0018144 -0.59 0.558 -.0046199 .0024923

ctry2 | -.0798833 .0053857 -14.83 0.000 -.0904391 -.0693274

ctry3 | -.0340236 .0066254 -5.14 0.000 -.0470093 -.021038

ctry4 | .023692 .0030156 7.86 0.000 .0177815 .0296026

ctry5 | -.0188937 .0023395 -8.08 0.000 -.0234791 -.0143083

ctry6 | -.0717982 .0082875 -8.66 0.000 -.0880413 -.055555

ctry7 | -.133149 .0200636 -6.64 0.000 -.1724729 -.0938251

ctry8 | -.1350393 .0231745 -5.83 0.000 -.1804606 -.0896181

ctry9 | -.028451 .0053828 -5.29 0.000 -.0390011 -.0179009

ctry10 | -.0846936 .0102279 -8.28 0.000 -.1047398 -.0646473

ctry11 | -.0850729 .007479 -11.37 0.000 -.0997314 -.0704144

ctry12 | -.1360904 .0111841 -12.17 0.000 -.1580108 -.11417

ctry13 | -.0178088 .0018712 -9.52 0.000 -.0214764 -.0141413

ctry14 | -.1410684 .0145278 -9.71 0.000 -.1695423 -.1125945

ctry15 | -.0230441 .0156923 -1.47 0.142 -.0538004 .0077122

ctry16 | -.0462679 .0074032 -6.25 0.000 -.0607779 -.0317579

ctry17 | -.1024347 .0106526 -9.62 0.000 -.1233135 -.081556

ctry18 | -.0228911 .0024524 -9.33 0.000 -.0276978 -.0180844

ctry19 | -.014382 .0039017 -3.69 0.000 -.0220293 -.0067348

ctry20 | -.1524985 .0146711 -10.39 0.000 -.1812534 -.1237437

ctry21 | -.0452586 .0029393 -15.40 0.000 -.0510196 -.0394976

ctry22 | .0002042 .0041305 0.05 0.961 -.0078915 .0082998

ctry23 | -.1250881 .0141488 -8.84 0.000 -.1528194 -.0973569

ctry24 | -.0561818 .0050056 -11.22 0.000 -.0659925 -.046371

ctry25 | .0104511 .0030185 3.46 0.001 .004535 .0163671

ctry26 | -.101348 .0080215 -12.63 0.000 -.1170698 -.0856262

ctry27 | .0068556 .0038985 1.76 0.079 -.0007853 .0144966

ctry28 | -.1057262 .0139383 -7.59 0.000 -.1330447 -.0784076

ctry29 | -.0892903 .0091182 -9.79 0.000 -.1071617 -.071419

ctry30 | -.0679111 .0059385 -11.44 0.000 -.0795504 -.0562719

ctry31 | -.0073882 .0019493 -3.79 0.000 -.0112088 -.0035675

ctry32 | -.0104371 .0041453 -2.52 0.012 -.0185617 -.0023125

ctry33 | .0048832 .001708 2.86 0.004 .0015355 .0082308

ctry34 | -.1099283 .0081358 -13.51 0.000 -.1258742 -.0939823

ctry35 | -.1337326 .010274 -13.02 0.000 -.1538692 -.113596

ctry36 | -.1516343 .0186184 -8.14 0.000 -.1881257 -.1151428

ctry37 | -.1620031 .0163151 -9.93 0.000 -.1939801 -.1300261

ctry38 | -.1702538 .0248273 -6.86 0.000 -.2189145 -.1215931

ctry39 | .0028093 .0023837 1.18 0.239 -.0018627 .0074813

ctry40 | -.1311889 .0181216 -7.24 0.000 -.1667067 -.0956712

ctry41 | -.034013 .0042583 -7.99 0.000 -.0423591 -.025667

ctry42 | -.0468221 .0043624 -10.73 0.000 -.0553724 -.0382719

ctry43 | -.0610138 .0059601 -10.24 0.000 -.0726953 -.0493322

ctry44 | .0378829 .0036279 10.44 0.000 .0307724 .0449935

ctry45 | -.0300217 .002203 -13.63 0.000 -.0343395 -.025704

ctry46 | -.1583994 .0310635 -5.10 0.000 -.2192827 -.097516

ctry47 | -.1621273 .0268567 -6.04 0.000 -.2147655 -.1094892

ctry48 | -.1384932 .0164118 -8.44 0.000 -.1706598 -.1063265

ctry49 | -.0005318 .001735 -0.31 0.759 -.0039324 .0028687

ctry50 | .0027942 .0072261 0.39 0.699 -.0113686 .0169571

ctry51 | -.0880205 .0106756 -8.25 0.000 -.1089442 -.0670967

ctry52 | -.0191701 .0020683 -9.27 0.000 -.023224 -.0151163

ctry53 | -.1335708 .0167825 -7.96 0.000 -.1664639 -.1006777

ctry54 | -.0136613 .0022976 -5.95 0.000 -.0181645 -.0091581

ctry55 | -.1403973 .0141655 -9.91 0.000 -.1681612 -.1126334

ctry56 | -.0325618 .0028098 -11.59 0.000 -.0380688 -.0270547

ctry57 | .0011516 .0019521 0.59 0.555 -.0026745 .0049777

ctry58 | -.0052206 .0013698 -3.81 0.000 -.0079053 -.0025359

ctry59 | -.061099 .0048199 -12.68 0.000 -.0705459 -.0516521

ctry60 | -.1141773 .0102448 -11.14 0.000 -.1342566 -.0940979

ctry61 | -.1697357 .021255 -7.99 0.000 -.2113948 -.1280766

ctry62 | -.0176299 .0030263 -5.83 0.000 -.0235614 -.0116983

ctry63 | -.0371409 .0026488 -14.02 0.000 -.0423324 -.0319494

ctry64 | -.0540692 .006179 -8.75 0.000 -.0661799 -.0419586

ctry65 | -.0257335 .0042929 -5.99 0.000 -.0341473 -.0173197

ctry66 | -.1350525 .0134 -10.08 0.000 -.1613161 -.108789

ctry67 | -.1462193 .0281879 -5.19 0.000 -.2014667 -.090972

ctry68 | -.1427377 .0110192 -12.95 0.000 -.1643349 -.1211405

ctry69 | .012915 .0016205 7.97 0.000 .0097389 .016091

ctry70 | -.0721234 .0061558 -11.72 0.000 -.0841886 -.0600581

ctry71 | -.166749 .0202584 -8.23 0.000 -.2064546 -.1270433

ctry72 | -.0680476 .0179247 -3.80 0.000 -.1031794 -.0329158

ctry73 | -.0630911 .0052203 -12.09 0.000 -.0733228 -.0528594

ctry74 | -.0261607 .0053129 -4.92 0.000 -.0365739 -.0157475

ctry75 | -.0618156 .0100847 -6.13 0.000 -.0815812 -.0420499

ctry76 | -.1411458 .0092676 -15.23 0.000 -.15931 -.1229816

ctry77 | -.0792256 .0107463 -7.37 0.000 -.1002879 -.0581633

ctry78 | -.0541655 .0045334 -11.95 0.000 -.0630508 -.0452802

ctry79 | -.0013073 .0015891 -0.82 0.411 -.0044218 .0018072

ctry80 | -.0855358 .00714 -11.98 0.000 -.09953 -.0715416

ctry81 | -.0027155 .0067228 -0.40 0.686 -.015892 .0104611

ctry82 | -.1227305 .0184727 -6.64 0.000 -.1589364 -.0865246

ctry83 | -.0039343 .0032761 -1.20 0.230 -.0103554 .0024868

ctry84 | -.0570286 .0079 -7.22 0.000 -.0725124 -.0415448

ctry85 | -.1239127 .0302753 -4.09 0.000 -.1832512 -.0645742

ctry86 | -.018116 .0030011 -6.04 0.000 -.023998 -.012234

ctry87 | -.0182728 .0063829 -2.86 0.004 -.0307831 -.0057626

ctry88 | -.1097366 .0136119 -8.06 0.000 -.1364154 -.0830578

ctry89 | .0065236 .0025051 2.60 0.009 .0016137 .0114336

ctry90 | 0 (omitted)

ctry91 | -.0040609 .0023608 -1.72 0.085 -.0086881 .0005662

ctry92 | -.0747811 .011637 -6.43 0.000 -.0975891 -.051973

ctry93 | -.0594898 .0062859 -9.46 0.000 -.07181 -.0471696

ctry94 | -.0442946 .0051091 -8.67 0.000 -.0543084 -.0342809

ctry95 | -.0672321 .0066128 -10.17 0.000 -.0801929 -.0542712

ctry96 | -.1810541 .0196609 -9.21 0.000 -.2195888 -.1425194

ctry97 | -.0346922 .0039946 -8.68 0.000 -.0425214 -.026863

ctry98 | -.0065502 .0032662 -2.01 0.045 -.012952 -.0001485

ctry99 | -.0734807 .0113672 -6.46 0.000 -.0957601 -.0512013

ctry100 | -.0055137 .026205 -0.21 0.833 -.0568745 .0458471

ctry101 | -.0325695 .0041822 -7.79 0.000 -.0407664 -.0243726

ctry102 | -.1339299 .0162068 -8.26 0.000 -.1656947 -.1021651

ctry103 | -.1175193 .0135125 -8.70 0.000 -.1440034 -.0910353

ctry104 | -.0535651 .0042271 -12.67 0.000 -.0618501 -.0452801

ctry105 | -.0045053 .0026048 -1.73 0.084 -.0096106 .0006

ctry106 | .0186885 .001861 10.04 0.000 .015041 .022336

ctry107 | -.1437903 .0224789 -6.40 0.000 -.1878481 -.0997325

ctry108 | .0126096 .0017313 7.28 0.000 .0092163 .0160028

ctry109 | -.0648408 .0066276 -9.78 0.000 -.0778307 -.051851

ctry110 | -.054335 .0049139 -11.06 0.000 -.0639662 -.0447039

ctry111 | -.0559022 .0048057 -11.63 0.000 -.0653212 -.0464832

ctry112 | -.0453192 .0043127 -10.51 0.000 -.0537719 -.0368666

ctry113 | -.122338 .0157663 -7.76 0.000 -.1532394 -.0914365

ctry114 | -.1442765 .0187373 -7.70 0.000 -.1810009 -.1075521

ctry115 | .0020788 .0022937 0.91 0.365 -.0024168 .0065744

ctry116 | -.0666878 .0102976 -6.48 0.000 -.0868708 -.0465049

ctry117 | -.0949147 .0072927 -13.02 0.000 -.1092082 -.0806213

ctry118 | -.0931834 .0099533 -9.36 0.000 -.1126914 -.0736754

ctry119 | -.0253288 .0055953 -4.53 0.000 -.0362954 -.0143623

ctry120 | 0 (omitted)

ctry121 | -.026335 .0044315 -5.94 0.000 -.0350206 -.0176495

ctry122 | -.0533756 .0084357 -6.33 0.000 -.0699093 -.036842

ctry123 | -.0241059 .0030639 -7.87 0.000 -.030111 -.0181009

ctry124 | -.1273714 .025774 -4.94 0.000 -.1778876 -.0768552

ctry125 | -.0854723 .010476 -8.16 0.000 -.1060049 -.0649397

ctry126 | .0226602 .0024348 9.31 0.000 .0178881 .0274322

ctry127 | -.1659245 .023175 -7.16 0.000 -.2113468 -.1205023

ctry128 | -.120294 .0172755 -6.96 0.000 -.1541534 -.0864347

ctry129 | -.1805726 .0274008 -6.59 0.000 -.2342772 -.1268681

ctry130 | -.0129933 .0087588 -1.48 0.138 -.0301602 .0041735

ctry131 | -.0243665 .007538 -3.23 0.001 -.0391407 -.0095923

ctry132 | -.1500777 .0177969 -8.43 0.000 -.1849591 -.1151963

ctry133 | 0 (omitted)

ctry134 | -.0018297 .0099091 -0.18 0.854 -.0212512 .0175917

ctry135 | -.1533476 .0215227 -7.12 0.000 -.1955314 -.1111638

ctry136 | -.13 .0157333 -8.26 0.000 -.1608367 -.0991634

ctry137 | -.0788653 .00684 -11.53 0.000 -.0922714 -.0654593

ctry138 | -.0144599 .0017024 -8.49 0.000 -.0177965 -.0111233

ctry139 | -.0805609 .0057294 -14.06 0.000 -.0917902 -.0693316

ctry140 | -.0117022 .0016761 -6.98 0.000 -.0149874 -.008417

ctry141 | -.0469839 .0072994 -6.44 0.000 -.0612905 -.0326773

ctry142 | -.068932 .0058972 -11.69 0.000 -.0804903 -.0573738

ctry143 | -.0526038 .0087947 -5.98 0.000 -.0698411 -.0353664

ctry144 | .0131718 .0032343 4.07 0.000 .0068326 .019511

ctry145 | -.0136915 .0077459 -1.77 0.077 -.0288732 .0014901

ctry146 | -.0905869 .0092392 -9.80 0.000 -.1086955 -.0724784

ctry147 | -.0961169 .0274282 -3.50 0.000 -.1498752 -.0423585

ctry148 | -.0367593 .0049085 -7.49 0.000 -.0463798 -.0271388

ctry149 | -.1277816 .0151269 -8.45 0.000 -.1574298 -.0981333

ctry150 | -.0122911 .0023241 -5.29 0.000 -.0168462 -.007736

ctry151 | -.1048704 .0105118 -9.98 0.000 -.1254731 -.0842677

ctry152 | -.0107122 .0024003 -4.46 0.000 -.0154167 -.0060077

ctry153 | -.0844432 .0079597 -10.61 0.000 -.1000439 -.0688425

ctry154 | -.0383947 .008569 -4.48 0.000 -.0551897 -.0215997

ctry155 | -.0578083 .0066654 -8.67 0.000 -.0708723 -.0447444

ctry156 | -.005696 .0046491 -1.23 0.221 -.014808 .003416

ctry157 | -.0042314 .010444 -0.41 0.685 -.0247014 .0162385

\_cons | .4168041 .0313684 13.29 0.000 .355323 .4782851

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rho | .7578161

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. \*\*\*Table 3 Regressions

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. \*\*\* Models 7 and 8: GLS with unit (country) but not time fixed effects and country-clustered standard errors

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. xtreg wdi\_mortinf lrgdpnapc L.vdem\_libdem, fe cluster(ccode)

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.3171 min = 3

between = 0.6882 avg = 39.6

overall = 0.6208 max = 45

F(2,154) = 58.56

corr(u\_i, Xb) = -0.1530 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -18.85494 3.520068 -5.36 0.000 -25.80879 -11.90109

|

vdem\_libdem |

L1. | -64.97848 9.354333 -6.95 0.000 -83.45785 -46.4991

|

\_cons | 238.7117 29.8774 7.99 0.000 179.6893 297.7342

-------------+----------------------------------------------------------------

sigma\_u | 21.092672

sigma\_e | 17.18683

rho | .60098345 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

. xtreg lwdi\_mortinf lrgdpnapc L.vdem\_libdem, fe cluster(ccode)

Fixed-effects (within) regression Number of obs = 6,137

Group variable: ccode Number of groups = 155

R-sq: Obs per group:

within = 0.5027 min = 3

between = 0.7807 avg = 39.6

overall = 0.7509 max = 45

F(2,154) = 199.04

corr(u\_i, Xb) = -0.3280 Prob > F = 0.0000

(Std. Err. adjusted for 155 clusters in ccode)

------------------------------------------------------------------------------

| Robust

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

-------------+----------------------------------------------------------------

lrgdpnapc | -.7033511 .0852821 -8.25 0.000 -.8718249 -.5348772

|

vdem\_libdem |

L1. | -1.364635 .1345434 -10.14 0.000 -1.630424 -1.098847

|

\_cons | 10.07666 .7214566 13.97 0.000 8.651427 11.50188

-------------+----------------------------------------------------------------

sigma\_u | .50871337

sigma\_e | .32450485

rho | .7107786 (fraction of variance due to u\_i)

------------------------------------------------------------------------------

.

. \*\*\* Models 9 and 10: pooled OLS with country and year fixed effects and Driscoll-Kraay standard errors

.

. xtscc wdi\_mortinf lrgdpnapc lag1vdem\_libdem yr\*, fe

Regression with Driscoll-Kraay standard errors Number of obs = 6137

Method: Fixed-effects regression Number of groups = 155

Group variable (i): ccode F( 48, 44) = 1.93e+07

maximum lag: 3 Prob > F = 0.0000

within R-squared = 0.6480

---------------------------------------------------------------------------------

| Drisc/Kraay

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

----------------+----------------------------------------------------------------

lrgdpnapc | .9460189 1.542016 0.61 0.543 -2.161711 4.053748

lag1vdem\_libdem | -11.21418 2.946579 -3.81 0.000 -17.15262 -5.275741

yr1 | 0 (omitted)

yr2 | 1.674624 .0875855 19.12 0.000 1.498107 1.85114

yr3 | 0 (omitted)

yr4 | -1.776349 .0897318 -19.80 0.000 -1.957191 -1.595506

yr5 | -4.122188 .1390258 -29.65 0.000 -4.402376 -3.842

yr6 | -5.634096 .1539088 -36.61 0.000 -5.944279 -5.323913

yr7 | -8.123761 .1835376 -44.26 0.000 -8.493657 -7.753866

yr8 | -10.24738 .2166789 -47.29 0.000 -10.68407 -9.810696

yr9 | -11.87367 .2912332 -40.77 0.000 -12.46062 -11.28673

yr10 | -14.02857 .3234033 -43.38 0.000 -14.68034 -13.37679

yr11 | -16.05834 .3616978 -44.40 0.000 -16.78729 -15.32938

yr12 | -17.99314 .3783691 -47.55 0.000 -18.75569 -17.23059

yr13 | -19.9038 .3691334 -53.92 0.000 -20.64774 -19.15986

yr14 | -21.53002 .3673957 -58.60 0.000 -22.27046 -20.78958

yr15 | -23.16641 .3867645 -59.90 0.000 -23.94589 -22.38694

yr16 | -24.69811 .4296803 -57.48 0.000 -25.56408 -23.83215

yr17 | -26.05875 .4501871 -57.88 0.000 -26.96605 -25.15146

yr18 | -27.36564 .4649199 -58.86 0.000 -28.30262 -26.42866

yr19 | -28.58163 .4881184 -58.55 0.000 -29.56537 -27.59789

yr20 | -29.72598 .5006616 -59.37 0.000 -30.735 -28.71697

yr21 | -30.75289 .5130406 -59.94 0.000 -31.78685 -29.71892

yr22 | -31.39058 .5859342 -53.57 0.000 -32.57145 -30.2097

yr23 | -32.24856 .6276224 -51.38 0.000 -33.51345 -30.98367

yr24 | -33.0425 .6562722 -50.35 0.000 -34.36513 -31.71987

yr25 | -33.55655 .6725625 -49.89 0.000 -34.91201 -32.20109

yr26 | -34.52847 .6874607 -50.23 0.000 -35.91396 -33.14298

yr27 | -35.48668 .7208921 -49.23 0.000 -36.93954 -34.03382

yr28 | -36.48742 .755806 -48.28 0.000 -38.01064 -34.96419

yr29 | -37.57053 .7737378 -48.56 0.000 -39.1299 -36.01117

yr30 | -38.8498 .7975685 -48.71 0.000 -40.45719 -37.2424

yr31 | -40.21276 .8253395 -48.72 0.000 -41.87613 -38.5494

yr32 | -41.64878 .8658949 -48.10 0.000 -43.39388 -39.90368

yr33 | -43.10542 .8999167 -47.90 0.000 -44.91908 -41.29176

yr34 | -44.48877 .9441222 -47.12 0.000 -46.39152 -42.58602

yr35 | -45.91029 .9968508 -46.06 0.000 -47.91931 -43.90127

yr36 | -47.34174 1.046533 -45.24 0.000 -49.45089 -45.23259

yr37 | -48.68959 1.108813 -43.91 0.000 -50.92425 -46.45492

yr38 | -49.96245 1.172379 -42.62 0.000 -52.32522 -47.59967

yr39 | -51.09782 1.208475 -42.28 0.000 -53.53335 -48.6623

yr40 | -52.23818 1.195905 -43.68 0.000 -54.64837 -49.82799

yr41 | -53.19955 1.230676 -43.23 0.000 -55.67981 -50.71928

yr42 | -54.40624 1.259376 -43.20 0.000 -56.94435 -51.86814

yr43 | -55.29027 1.303642 -42.41 0.000 -57.91759 -52.66295

yr44 | -56.16962 1.326587 -42.34 0.000 -58.84319 -53.49606

yr45 | -57.14002 1.331299 -42.92 0.000 -59.82307 -54.45696

yr46 | -57.95346 1.340499 -43.23 0.000 -60.65506 -55.25186

\_cons | 79.13952 13.28048 5.96 0.000 52.37448 105.9046

---------------------------------------------------------------------------------

. xtscc lwdi\_mortinf lrgdpnapc lag1vdem\_libdem yr\*, fe

Regression with Driscoll-Kraay standard errors Number of obs = 6137

Method: Fixed-effects regression Number of groups = 155

Group variable (i): ccode F( 48, 44) = 9.20e+07

maximum lag: 3 Prob > F = 0.0000

within R-squared = 0.8442

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| Drisc/Kraay

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

----------------+----------------------------------------------------------------

lrgdpnapc | -.2422075 .0199633 -12.13 0.000 -.282441 -.201974

lag1vdem\_libdem | -.1391515 .0436493 -3.19 0.003 -.2271209 -.0511821

yr1 | 0 (omitted)

yr2 | .0259506 .0009896 26.22 0.000 .0239563 .027945

yr3 | 0 (omitted)

yr4 | -.0248142 .0006597 -37.62 0.000 -.0261437 -.0234847

yr5 | -.0367429 .0020801 -17.66 0.000 -.0409351 -.0325507

yr6 | -.0717604 .0018261 -39.30 0.000 -.0754406 -.0680802

yr7 | -.1079787 .0019099 -56.54 0.000 -.1118278 -.1041295

yr8 | -.1438079 .0022162 -64.89 0.000 -.1482742 -.1393415

yr9 | -.178778 .0026319 -67.93 0.000 -.1840822 -.1734738

yr10 | -.2128826 .0029116 -73.12 0.000 -.2187505 -.2070147

yr11 | -.251662 .0031352 -80.27 0.000 -.2579805 -.2453434

yr12 | -.2884709 .003399 -84.87 0.000 -.2953212 -.2816207

yr13 | -.3271177 .0032524 -100.58 0.000 -.3336724 -.3205629

yr14 | -.3681179 .0028337 -129.91 0.000 -.3738289 -.3624069

yr15 | -.3990815 .0031273 -127.61 0.000 -.4053842 -.3927788

yr16 | -.4331496 .0035843 -120.85 0.000 -.4403732 -.4259259

yr17 | -.461772 .0038992 -118.43 0.000 -.4696302 -.4539137

yr18 | -.4905227 .0041283 -118.82 0.000 -.4988427 -.4822027

yr19 | -.5173111 .0044926 -115.15 0.000 -.5263653 -.508257

yr20 | -.5452501 .0046902 -116.25 0.000 -.5547026 -.5357976

yr21 | -.5731917 .0048849 -117.34 0.000 -.5830366 -.5633467

yr22 | -.6038328 .0058708 -102.85 0.000 -.6156646 -.5920011

yr23 | -.6254982 .0070266 -89.02 0.000 -.6396595 -.611337

yr24 | -.6420804 .0088856 -72.26 0.000 -.6599882 -.6241726

yr25 | -.6622409 .0095832 -69.10 0.000 -.6815545 -.6429272

yr26 | -.6866233 .0098663 -69.59 0.000 -.7065076 -.666739

yr27 | -.7098792 .0103245 -68.76 0.000 -.7306869 -.6890715

yr28 | -.7327445 .0107891 -67.92 0.000 -.7544884 -.7110006

yr29 | -.759908 .0110245 -68.93 0.000 -.7821264 -.7376895

yr30 | -.7912736 .0113536 -69.69 0.000 -.8141553 -.7683919

yr31 | -.820863 .0117137 -70.08 0.000 -.8444705 -.7972555

yr32 | -.8517525 .0123695 -68.86 0.000 -.8766817 -.8268234

yr33 | -.8840445 .0128321 -68.89 0.000 -.9099059 -.8581832

yr34 | -.9165699 .0134794 -68.00 0.000 -.9437358 -.889404

yr35 | -.9436995 .0141823 -66.54 0.000 -.972282 -.9151171

yr36 | -.976269 .0148506 -65.74 0.000 -1.006198 -.9463396

yr37 | -1.004621 .0156974 -64.00 0.000 -1.036257 -.972985

yr38 | -1.031336 .0165558 -62.29 0.000 -1.064702 -.9979696

yr39 | -1.063041 .0170301 -62.42 0.000 -1.097362 -1.028719

yr40 | -1.103548 .0168864 -65.35 0.000 -1.13758 -1.069515

yr41 | -1.132601 .0173182 -65.40 0.000 -1.167503 -1.097698

yr42 | -1.166356 .0177128 -65.85 0.000 -1.202053 -1.130658

yr43 | -1.194916 .0183585 -65.09 0.000 -1.231915 -1.157917

yr44 | -1.225295 .0186804 -65.59 0.000 -1.262943 -1.187647

yr45 | -1.256017 .018625 -67.44 0.000 -1.293554 -1.218481

yr46 | -1.284723 .018715 -68.65 0.000 -1.32244 -1.247005

\_cons | 6.260083 .1778372 35.20 0.000 5.901675 6.61849

---------------------------------------------------------------------------------

.

. \*\*\* Models 11 and 12: pooled OLS with country and year fixed effects, a lagged dependent variable, and Driscoll-Kraay standard errors

.

. xtscc wdi\_mortinf lrgdpnapc lag1vdem\_libdem lag1wdi\_mortinf yr\*, fe

Regression with Driscoll-Kraay standard errors Number of obs = 6122

Method: Fixed-effects regression Number of groups = 155

Group variable (i): ccode F( 49, 44) =7698450.66

maximum lag: 3 Prob > F = 0.0000

within R-squared = 0.9963

---------------------------------------------------------------------------------

| Drisc/Kraay

wdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

----------------+----------------------------------------------------------------

lrgdpnapc | .4792488 .0809104 5.92 0.000 .3161846 .642313

lag1vdem\_libdem | -.092181 .1636756 -0.56 0.576 -.4220476 .2376855

lag1wdi\_mortinf | .988656 .0034978 282.65 0.000 .9816067 .9957053

yr1 | 0 (omitted)

yr2 | -5.014118 .7035218 -7.13 0.000 -6.431973 -3.596262

yr3 | -5.06034 .7061486 -7.17 0.000 -6.483489 -3.637191

yr4 | -5.108655 .7092918 -7.20 0.000 -6.538138 -3.679171

yr5 | -5.232625 .7131909 -7.34 0.000 -6.669967 -3.795283

yr6 | -5.356071 .7138805 -7.50 0.000 -6.794803 -3.91734

yr7 | -5.490518 .712086 -7.71 0.000 -6.925633 -4.055403

yr8 | -5.561785 .7148497 -7.78 0.000 -7.00247 -4.121101

yr9 | -5.588844 .7164649 -7.80 0.000 -7.032784 -4.144904

yr10 | -5.524891 .7135217 -7.74 0.000 -6.9629 -4.086883

yr11 | -5.457354 .7134004 -7.65 0.000 -6.895118 -4.01959

yr12 | -5.36542 .7098691 -7.56 0.000 -6.796067 -3.934773

yr13 | -5.275675 .7083691 -7.45 0.000 -6.703299 -3.848051

yr14 | -5.167947 .7070071 -7.31 0.000 -6.592827 -3.743068

yr15 | -5.048124 .7059387 -7.15 0.000 -6.47085 -3.625398

yr16 | -4.956891 .7063219 -7.02 0.000 -6.380389 -3.533392

yr17 | -4.843063 .7023098 -6.90 0.000 -6.258475 -3.42765

yr18 | -4.777757 .7025295 -6.80 0.000 -6.193612 -3.361902

yr19 | -4.715554 .7032958 -6.70 0.000 -6.132954 -3.298155

yr20 | -4.649121 .7034728 -6.61 0.000 -6.066877 -3.231365

yr21 | -4.564659 .7034719 -6.49 0.000 -5.982413 -3.146904

yr22 | -4.511356 .7033764 -6.41 0.000 -5.928918 -3.093794

yr23 | -4.458333 .7061867 -6.31 0.000 -5.881559 -3.035107

yr24 | -4.287902 .6995113 -6.13 0.000 -5.697674 -2.878129

yr25 | -4.248946 .7015052 -6.06 0.000 -5.662736 -2.835155

yr26 | -4.47724 .7035029 -6.36 0.000 -5.895057 -3.059423

yr27 | -4.555368 .7057336 -6.45 0.000 -5.97768 -3.133055

yr28 | -4.596125 .7083358 -6.49 0.000 -6.023682 -3.168568

yr29 | -4.694214 .7096781 -6.61 0.000 -6.124476 -3.263952

yr30 | -4.931665 .7111965 -6.93 0.000 -6.364988 -3.498343

yr31 | -5.010409 .7133065 -7.02 0.000 -6.447984 -3.572834

yr32 | -5.145999 .7157524 -7.19 0.000 -6.588503 -3.703495

yr33 | -5.184162 .7180917 -7.22 0.000 -6.63138 -3.736943

yr34 | -5.195875 .7205998 -7.21 0.000 -6.648148 -3.743601

yr35 | -5.191892 .7242978 -7.17 0.000 -6.651618 -3.732165

yr36 | -5.245578 .7276722 -7.21 0.000 -6.712105 -3.779052

yr37 | -5.206729 .7317365 -7.12 0.000 -6.681447 -3.732011

yr38 | -5.14661 .7360086 -6.99 0.000 -6.629938 -3.663282

yr39 | -5.053593 .7385242 -6.84 0.000 -6.541991 -3.565195

yr40 | -5.110166 .7378942 -6.93 0.000 -6.597293 -3.623038

yr41 | -4.88904 .7404937 -6.60 0.000 -6.381407 -3.396673

yr42 | -5.199395 .7424128 -7.00 0.000 -6.69563 -3.70316

yr43 | -4.939438 .7451382 -6.63 0.000 -6.441165 -3.437711

yr44 | -4.918464 .7467398 -6.59 0.000 -6.423419 -3.413508

yr45 | -4.905492 .7478814 -6.56 0.000 -6.412748 -3.398236

yr46 | -4.844796 .7488651 -6.47 0.000 -6.354034 -3.335557

\_cons | 0 (omitted)

---------------------------------------------------------------------------------

. xtscc lwdi\_mortinf lrgdpnapc lag1vdem\_libdem lag1wdi\_mortinf yr\*, fe

Regression with Driscoll-Kraay standard errors Number of obs = 6122

Method: Fixed-effects regression Number of groups = 155

Group variable (i): ccode F( 49, 44) = 2.22e+08

maximum lag: 3 Prob > F = 0.0000

within R-squared = 0.8499

---------------------------------------------------------------------------------

| Drisc/Kraay

lwdi\_mortinf | Coef. Std. Err. t P>|t| [95% Conf. Interval]

----------------+----------------------------------------------------------------

lrgdpnapc | -.2441736 .0226795 -10.77 0.000 -.2898811 -.1984661

lag1vdem\_libdem | -.1061354 .0504113 -2.11 0.041 -.2077326 -.0045382

lag1wdi\_mortinf | .002691 .0005579 4.82 0.000 .0015667 .0038154

yr1 | 0 (omitted)

yr2 | 6.053193 .2264335 26.73 0.000 5.596846 6.50954

yr3 | 6.034558 .2265886 26.63 0.000 5.577899 6.491217

yr4 | 6.015251 .2269951 26.50 0.000 5.557772 6.472729

yr5 | 6.006027 .2269876 26.46 0.000 5.548564 6.46349

yr6 | 5.979219 .2262144 26.43 0.000 5.523314 6.435124

yr7 | 5.948429 .2262544 26.29 0.000 5.492443 6.404415

yr8 | 5.918189 .2258754 26.20 0.000 5.462967 6.373411

yr9 | 5.888822 .2258569 26.07 0.000 5.433637 6.344007

yr10 | 5.855608 .2256389 25.95 0.000 5.400863 6.310353

yr11 | 5.828861 .2254527 25.85 0.000 5.374491 6.283231

yr12 | 5.795121 .225062 25.75 0.000 5.341539 6.248704

yr13 | 5.76191 .2242778 25.69 0.000 5.309908 6.213912

yr14 | 5.729665 .2234839 25.64 0.000 5.279263 6.180068

yr15 | 5.699302 .2228075 25.58 0.000 5.250263 6.148341

yr16 | 5.673945 .2226984 25.48 0.000 5.225126 6.122764

yr17 | 5.644877 .222571 25.36 0.000 5.196314 6.093439

yr18 | 5.619852 .2224293 25.27 0.000 5.171575 6.068129

yr19 | 5.596534 .2224849 25.15 0.000 5.148145 6.044923

yr20 | 5.571881 .2223442 25.06 0.000 5.123776 6.019987

yr21 | 5.546949 .2222009 24.96 0.000 5.099132 5.994765

yr22 | 5.518088 .2228225 24.76 0.000 5.069019 5.967157

yr23 | 5.498838 .2235903 24.59 0.000 5.048221 5.949455

yr24 | 5.484822 .2234144 24.55 0.000 5.03456 5.935085

yr25 | 5.466128 .2234928 24.46 0.000 5.015708 5.916548

yr26 | 5.443773 .22385 24.32 0.000 4.992633 5.894913

yr27 | 5.422919 .2243344 24.17 0.000 4.970803 5.875035

yr28 | 5.402682 .2248572 24.03 0.000 4.949512 5.855852

yr29 | 5.378209 .2249757 23.91 0.000 4.924801 5.831618

yr30 | 5.349684 .2251615 23.76 0.000 4.895901 5.803467

yr31 | 5.323607 .2253964 23.62 0.000 4.86935 5.777863

yr32 | 5.296255 .2259005 23.45 0.000 4.840983 5.751528

yr33 | 5.267837 .2261747 23.29 0.000 4.812012 5.723662

yr34 | 5.239042 .226596 23.12 0.000 4.782368 5.695716

yr35 | 5.215818 .2272243 22.95 0.000 4.757877 5.673758

yr36 | 5.187019 .2277751 22.77 0.000 4.727968 5.646069

yr37 | 5.162464 .2285327 22.59 0.000 4.701886 5.623041

yr38 | 5.139396 .2291982 22.42 0.000 4.677477 5.601314

yr39 | 5.111051 .2295039 22.27 0.000 4.648517 5.573586

yr40 | 5.073481 .228974 22.16 0.000 4.612015 5.534948

yr41 | 5.047671 .2292721 22.02 0.000 4.585604 5.509739

yr42 | 5.016364 .2295311 21.85 0.000 4.553774 5.478954

yr43 | 4.990919 .2299925 21.70 0.000 4.5274 5.454439

yr44 | 4.962996 .2301496 21.56 0.000 4.49916 5.426832

yr45 | 4.934986 .2299593 21.46 0.000 4.471534 5.398439

yr46 | 4.908673 .2298779 21.35 0.000 4.445385 5.371962

\_cons | 0 (omitted)

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end of do-file