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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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 ( 2) ctry2 = 0

 ( 3) ctry3 = 0

 ( 4) ctry4 = 0

 ( 5) ctry5 = 0

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 (101) ctry101 = 0

 (102) ctry102 = 0

 (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

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 ( 2) ctry2 = 0

 ( 3) ctry3 = 0

 ( 4) ctry4 = 0

 ( 5) ctry5 = 0

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 (202) yr45 = 0

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 Constraint 2 dropped

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 Constraint 10 dropped

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 Constraint 144 dropped

 Constraint 145 dropped

 Constraint 146 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 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

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

 rho | .7578161

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

.

.

. \*\*\*Table 3 Regressions

.

. \*\*\* Models 7 and 8: GLS with unit (country) but not time fixed effects and country-clustered standard errors

.

. 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

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

 | 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