Notes on Data preparation: Daniel Treisman, "Income, Democracy, and Leader Turnover," April 2014

Polity Data
Download Polity 4 Version 2009 data from http://www.systemicpeace.org/inscr/inscr.htm.
Save as a txt file.

Maddison data
Download "Copy of horizontal-file_02-2010.xls" from http://www.ggdc.net/MADDISON/oriindex.htm
Save as "Maddison working.xls"

In this file, using Excel, on PercapitaGDP sheet:
Delete columns for years 1-1700
Replace column headings which show years with "gdppcxxxx" where xxxx is the year
Delete top two rows
Delete rows for various aggregates:
Western Europe
Total 12 Western Europe
Total 14 small west European countries
Total 30 Western Europe
Western Offshoots
Total Western Offshoots
Eastern Europe
Total 7 East European Countries
Yugoslav and Czech Successor states
Former Yugoslavia
Former Czechoslovakia
Successor Republics of USSR
8 Latin American countries
Total 8 Latin American countries
15 Latin American countries
Total 15 Latin American countries
Total 21 small Caribbean countries
Total Latin America
16 East Asian countries
Total 16 East Asian countries
30 East Asian countries
Total 24 Small East Asian countries
Total 30 East Asian countries
15 West Asian countries
Total 15 West Asian countries
Total Asia
57 African countries
Total 3 Small African countries
Total Africa
World Average

Minor cleanup:
-Split row for “Eritrea and Ethiopia” into two rows containing the same data, one for Eritrea, one for Ethiopia.
-Replace entries for North and South Korea before 1945 with one for Korea. Create new row with country label “Korea”. Give it the average of North Korea and South Korea in years before 1945 for which there is data for at least one of these. End the “Korea” data in 1945.
Then eliminate data for South Korea and North Korea before 1945.
-Replace the line for “Serbia/Montenegro/Kosovo” with three lines for each separately, plus one for Serbia and Montenegro. Give each the data provided for “Serbia/Montenegro/Kosovo”. Give this data also to Yugoslavia for years 1991 to 2002, and delete data for Yugolsavia from 2003 on.

Create two additional rows labeled “Vietnam North” and “Vietnam South” and give them the same data as “Vietnam” for 1949-1974. Then remove “Vietnam” for 1949-1974.

From 1967-1989, separate lines for “Yemen North” and “Yemen South”; give them the “Yemen” data and delete “Yemen” in these years.

Delete data for “Total Former USSR” from 1992 on. The successor states now treated individually.
Delete data for Czechoslovakia from 1993 on.
Delete data for Czech Republic and Slovakia before 1993.
Label first column “country”
Add 20 columns on left and label them gdppc1800 to gdppc1819.
Check number cells are in number format. Delete all empty rows below the data.
Save. Then save as text file: “Maddison wide.txt”

To create the growth instrument:
In the Excel file “Maddison working.xls”, prepare the sheet containing GDP figures in a way corresponding to that in which the GDP per capita sheet was already prepared. Note the following adjustments:

> Create new row with country label “Korea”. Give it the sum of North Korea and South Korea’s GDPs in years for which there are data for both. End this country’s data in 1945.
> Then eliminate data for South Korea and North Korea before 1945.
> Replace the line for “Serbia/Montenegro/Kosovo” with just one for Serbia, with data from 1991. (In any case, there is no corresponding trade data.) Give this data also to Yugoslavia for years 1991 to 2002, and delete data for Yugolsavia from 2003 on.
> Drop Vietnam 1950-1974, since these data are for both North and South.
> Drop Yemen for 1967-1989. It was split.
> Delete data for “Total Former USSR” from 1991 on. The successor states now treated individually.
> Delete data for Czechoslovakia from 1993 on.
> Delete data for Czech Republic and Slovakia before 1993.
> Label first column “country”
> Add 20 columns on left and label them gdp1800 to gdp1819.
> Check number cells are in number format. Delete all empty rows below the data.
> Drop gdp for individual soviet republics and Yugoslav republics before 1991.

Save as mad gdp.txt

Archigos
Download Archigos dataset: Archigos_v.2.9_tv-Public.dta

Besley and Reynal-Querol leader education data.
(From Besley, Timothy and Marta Reynal-Querol. 2011. "Do Democracies Select More Educated Leaders?" *American Political Science Review* 105, 3: 552-66.) I thank Marta Reynal-Querol for sharing the following data: **EDUCATION_APSR2011_BESLEY_REYNALQUEROL_BYLEADER.dta**

Cheibub Vreeland Gandhi data
Download ddrevisited_data_v1 Cheibub et al.dta, the updated Cheibub, Vreeland, Gandhi version of ACLP data.

Education Data
Download ParisSchoolingEstimates.xls from http://www.pse.ens.fr/data/index.html.
Save as "Morrisson Murtin schooling working.xls"
Save as txt file
save "Morrisson Murtin schooling working.txt"

Banks
Download CNTSDATA. Save as txt file.

Russet Oneal Berbaum
Download the file trade.dta from Bruce Russett's website http://pantheon.yale.edu/~brusset/. This is a data file associated with the paper "Causes of Peace: Democracy, Interdependence, and International Organizations, 1886-1992" (with John Oneal and Michael Berbaum), *International Studies Quarterly* 47:3 (September 2003): 371-93.

Gleditsch data on date of start and end of polities
Download **gleditsch polity4d** from http://privatewww.essex.ac.uk/~ksg/polity.html (or the latest version of these data). Save as **gleditsch polity4d.txt.**

Persson Tabellini democracy data
Download demcap_tables2_3.dta from
http://didattica.unibocconi.it/mypage/index.php?IdUte=48805&idr=7569&lingua=ita

Wright Geddes Frantz authoritarian type data
Download from http://dictators.la.psu.edu/.

COW data on interstate and intrastate wars, military capability, and militarized interstate disputes
Dowload COW intrastate war v4.0 from
http://www.correlatesofwar.org/COW2%20Data/WarData_NEW/WarList_NEW.html and save as COW intrastate war v4.0.txt. Download interstate war v4.0 and save as interstate war_v4.0.txt. Download Militarized Interstate Disputes and National Material Capabilites and save as txt files.

Freedom House press freedom

Download from http://www.freedomhouse.org/report-types/freedom-press#.UzRcsoVWiwI. Prepare as a txt file in necessary format named fhpress.txt.

Ross oil and gas data
Download from http://thedata.harvard.edu/dvn/dv/mlross. Save as Ross Oil & Gas 1932-2009 public.txt.

Chenoweth and Stephan data
Download WCRWreplication.dta from http://www.ericachenoweth.com/research/wcrw/.

Once all necessary data have been downloaded and prepared, run the following do files in this order. (Note: you will need to adjust the paths in the do files so the files are located in the correct directories.)

1. leader data prep file.do
2. data prep file.do

This will create data files named: democworki.dta, merge5yeari.dta, merge10yeari.dta, merge15yeari.dta, and merge20yeari.dta.

I also provide these files readymade.

Then, to conduct the analysis, run the parts of "analysis Treisman ajps 2014.do". Do not try to run this all at once as a single do-file. It will take a very long time to complete. Run in parts.

The Excel file Analysis march 2014 contains all the Stata printout from running the analysis.