Replication files and codebook
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This replication package consists of six different files or sets of files. Files 1 through 5 must be placed in the same folder. In the two .R scripts, make sure you set that folder to be your working directory so you can read and manipulate the data successfully. Figures, tables, and other working files will be created and stored in this folder as well. File 6 is not part of the statistical analysis and thus does not require pre-processing.

1. *LEVdbase.csv:* a data frame of department-level variables that includes (a) the raw data for all the independent variables (i.e. harvested soybeans by season and agricultural and sociodemographic controls) that need to be transformed; and (b) the dependent variables (i.e. proportion of valid votes for the FPV and Cambiemos per election in 2007-2015). The electoral data are ready to be used and do not require further changes.

2. *LEVspatial.shp, LEVspatial.shx, LEVspatial.dbf:* an ESRI shapefile comprising a layer of Argentina's departments with the associated geometries and basic attributes.

3. *LEVempirics.R:* an annotated .R script for executing preliminary spatial diagnostics and replicating the spatial econometric models presented in the manuscript. It is divided in the following sections:
    - Section #1 imports the .csv frame with departmental data and recodes the independent variables.
    - Section #2 loads the shapefile, creates new spatial objects, merges them with the transformed data frame, and sets up a spatial weights matrix.
    - Section #3 conducts a number of OLS diagnostics for detecting spatial dependence in the data.
    - Section #4 runs the error lag models and produces Tables 1, 2, and 3 in .html format.

4. *LEVprovince_C2.csv:* a data frame of province-level independent variables, which are the input of section C.2 in the supplementary appendix.

5. *LEVappendix.R:* an annotated .R script for producing extra tables, plots, and extensions of the main spatial analysis. It is divided in the following sections:
    - Section #1 imports the .csv frame with departmental data, the .csv frame with provincial data, and recodes the departmental independent variables.
    - Section #2 loads the shapefile, create new spatial objects, merges them with the transformed data frame, and sets up a spatial weights matrix.
    - Section #3 replicates the materials in the appendix:
        a. Subsection A produces scatterplots of the relationship between soybean harvests and vote shares, maps of the distribution of the dependent

variables, and Moran's scatterplots (Figures A1-A5); and tables for descriptive statistics (Table A1 and A2). Province-level variables are also recoded and appended to the transformed data frame.

b. Subsection B conducts robustness checks by using alternative measures of soybeans and re-runs the same specifications for the error lag models of the manuscript main empirics with these measures. It produces Table B1.1 through B3.3.
c. Subsection C conducts sensitivity analyses using different estimation techniques (i.e. spatial lag, random intercepts, and province fixed effects). It produces Table C1.1 through C3.3.

6. *LEVappointees.csv:* A .csv file listing all the appointees that were used to create the bar plot in Figure 1.

Codebook of utilized variables in *LEVempirics.R* and *LEVappendix.R*

Variable	Description
fpv_dip_2005	Proportion of valid votes obtained by the FPV in 2005 (legislative elections, chamber of deputies)
fpv_dip_2007	Proportion of valid votes obtained by the FPV in 2007 (legislative elections, chamber of deputies)
fpv_dip_2009	Proportion of valid votes obtained by the FPV in 2009 (legislative elections, chamber of deputies)
fpv_dip_2011	Proportion of valid votes obtained by the FPV in 2011 (legislative elections, chamber of deputies)
fpv_dip_2013	Proportion of valid votes obtained by the FPV in 2013 (legislative elections, chamber of deputies)
fpv_dip_2015	Proportion of valid votes obtained by the FPV in 2015 (legislative elections, chamber of deputies)
fpv_pres_2011	Proportion of valid votes obtained by the FPV in 2011 (presidential election)
fpv_pres1_2015	Proportion of valid votes obtained by the FPV in 2015 (presidential election, first round of)
pro_pres1_2015	Proportion of valid votes obtained by the FPV in 2015 (presidential election, first round of)
soy_hvst_2007	Logged number of hectares harvested with soybeans (season 2006/2007)
soy_hvst_2009	Logged number of hectares harvested with soybeans (season 2008/2009)
soy_hvst_2011	Logged number of hectares harvested with soybeans (season 2010/2011)
soy_hvst_2013	Logged number of hectares harvested with soybeans (season 2012/2013)
soy_hvst_2015	Logged number of hectares harvested with soybeans (season 2014/2015)
soy_plnt_2007	Logged number of hectares planted with soybeans (season 2006/2007)

soy_plnt_2009	Logged number of hectares planted with soybeans (season 2008/2009)
soy_plnt_2011	Logged number of hectares planted with soybeans (season 2010/2011)
soy_plnt_2013	Logged number of hectares planted with soybeans (season 2012/2013)
soy_plnt_2015	Logged number of hectares planted with soybeans (season 2014/2015)
soy_prod_2007	Logged number of produced soybeans, in kilograms (season 2006/2007)
soy_prod_2009	Logged number of produced soybeans, in kilograms (season 2008/2009)
soy_prod_2011	Logged number of produced soybeans, in kilograms (season 2010/2011)
soy_prod_2013	Logged number of produced soybeans, in kilograms (season 2012/2013)
soy_prod_2015	Logged number of produced soybeans, in kilograms (season 2014/2015)
soy_ylds_2007	Logged number of produced soybeans per harvested hectare (season 2006/2007)
soy_ylds_2009	Logged number of produced soybeans per harvested hectare (season 2008/2009)
soy_ylds_2011	Logged number of produced soybeans per harvested hectare (season 2010/2011)
soy_ylds_2013	Logged number of produced soybeans per harvested hectare (season 2012/2013)
soy_ylds_2015	Logged number of produced soybeans per harvested hectare (season 2014/2015)
lockouts_ln	Logged number of farm lockouts that occurred during the 2008 national tax revolt
k_intense	Proportion of farms using seed drills
eap_small	Proportion of farms using less than 25 hectares

education_01	Proportion of the population (15 years old or older) that completed middle school, 2001
education_10	Proportion of the population (15 years old or older) that completed middle school, 2010
poverty_01	Proportion of households with unsatisfied basic needs, 2001
poverty_10	Proportion of households with unsatisfied basic needs, 2010
eap_ln	Logged number of farms
rural_01	Proportion of rural population, 2001
rural_10	Proportion of rural population, 2010
popdens_01	Logged population density, 2001
popdens_10	Logged population density, 2010
blncpc_07	Annual percent change in provincial fiscal balance, 2006-2007
blncpc_09	Annual percent change in provincial fiscal balance, 2008-2009
blncpc_11	Annual percent change in provincial fiscal balance, 2010-2011
blncpc_13	Annual percent change in provincial fiscal balance, 2012-2013
blncpc_15	Annual percent change in provincial fiscal balance 2014-2015
aling_07	Governor aligned with the president, 2007
aling_09	Governor aligned with the president, 2009
aling_11	Governor aligned with the president, 2011

aling_13	Governor aligned with the president, 2013
aling_15	Governor aligned with the president, 2015