Variable	Description	Sources
Ln(EU funds per capita)	Expenditures with 4th paragraph digit 1, 5, 7 and 8 For population: see variable Population	Ministry of Finance: http://www.archbip.mf.gov.pl/699.html
Regional-county-alignment	Dummy variable that takes value 1 if the party with the highest election result in a county sends its representative(s) to board of region, 0 otherwise. Prepared on the basis of parliamentary election results to the lower house of the parliament (Sejm) in 2005 and 2007; election results broken down into counties Party composition of board of region: hand-collected data on the basis of regional councils resolutions, including variation within terms of office. Affiliation of the members of board of region determined on the basis of: National Electoral Commission website, Alberski et al. (2013), personal Wikipedia sites and local media websites	National election results National Electoral Commission: http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm (2005 elections) and http://wybory2007.pkw.gov.pl/SJM/PL/WYN/W/index.htm (2007 elections) Equivalent data in Excel format thanks to the courtesy of Mirosław Lech Bogdanowicz (mlb@kbw.gov.pl) Party composition of board of region A. Regional councils resolutions 1. Dolnośląskie region: http://bip.umwd.dolnyslask.pl/dokument,iddok,3055,idmp,164,r,r 2. Kujawsko-pomorskie region: http://archiwum.bip.kujawsko-pomorskie.pl/index.php?option=com_content&task=view&id=1175&Itemid=251 3. Lubelskie region: https://umwl.bip.lubelskie.pl/index.php?id=56 4. Lubuskie region: http://www.bip.lubuskie.pl/akty/20/typ/ 5. Łódzkie region: https://bip.lodzkie.pl/sejmik-wojewodztwa/uchwaly 6. Małopolskie region: https://bip.malopolska.pl/umwm,m,294193,2017.html 7. Mazowieckie region: http://www.bip.mazovia.pl/samorzad/sejmik/uchwaly-sejmiku/ 8. Opolskie region: http://bip.opolskie.pl/typy-tresci/akty-prawne/ 9. Podkarpackie region: http://www.bip.podkarpackie.pl/index.php/uchwaly-sejmiku and

		http://www.wrota.podkarpackie.pl/pl/bip/wojewodztwo-podkarpackie/sejmik/uchwaly 10. Podlaskie region: http://bip.umwp.wrotapodlasia.pl/wojewodztwo/akty_prawne1/uchwaly_sej/uchw_sejmiku_od_2002_do_2007/ and http://bip.umwp.wrotapodlasia.pl/wojewodztwo/akty_prawne1/uchwaly_sej/uchwaly_sejmiku_od_2008/ 11. Pomorskie region: http://bip.pomorskie.eu/m,42,uchwaly-sejmiku.html 12. Śląskie region: http://bip.slaskie.pl/index.php?grupa=15&id_menu=17&id_menu=217 13. Świętokrzyskie region: http://bip.sejmik.kielce.pl/55-uchwaly-sejmiku.html 14. Warmińsko-mazurskie region: 15. Wielkopolskie region: http://bip.umww.pl/106---124---kategoria_uchwaly-sejmiku 16. Zachodniopomorskie region: http://www.bip.wzp.pl/artykul/uchwaly-sejmiku-wojewodztwa-zachodniopomorskiego-0 B. National Electoral Commission website: http://wybory2006.pkw.gov.pl/kbw/geoKrajd41d.html? (2006 elections) and http://wybory2010.pkw.gov.pl/geo/pl/000000.html (2010 elections) C. Alberski et al. (2013): http://politologia.uni.wroc.pl/zspa/index.php/publikacje/5-publikacje/ksiazki/19-gra-o
Regional-municipal-	Dummy variable that takes value 1 if the party with the highest election result in a municipality sends its	The same as for variable Regional-county-alignment

alignment	representative(s) to board of region, 0 otherwise. Prepared on the basis of parliamentary election results to the lower house of the parliament (Sejm) in 2005 and 2007; election results broken down into municipalities Composition of board of region: hand-collected data on the basis of regional councils resolutions, including variation within terms of office. Affiliation of the members of board of region determined on the basis of: National Electoral Commission website, Alberski et al. (2013), personal Wikipedia sites and local media websites	
National-municipal-alignment	Dummy variable that takes value 1 if the party with the highest election result in a municipality forms the central government coalition, 0 otherwise Prepared on the basis of parliamentary election results to the lower house of the parliament (Sejm) in 2005 and 2007 Election results broken down into municipalities	National Electoral Commission: http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm (2005 elections) and http://wybory2007.pkw.gov.pl/SJM/PL/WYN/W/index.htm (2007 elections) Equivalent data in Excel format thanks to the courtesy of Mirosław Lech Bogdanowicz (mlb@kbw.gov.pl)
Close-civic-law	1 – absolute difference (the result of Civic Platform – the result of Law and Justice) Prepared on the basis of parliamentary election results to the lower house of the parliament (Sejm) in 2005 and 2007 Election results broken down into municipalities	The same as for variable National-municipal-alignment
Mayor aligned with regional gov.	Mayor affiliation in terms of voting committee Party composition of board of region: hand-collected data on the basis of regional councils resolutions, including variation within terms of office	Local election results National Electoral Commission: http://wybory2006.pkw.gov.pl/kbw/geoKrajd41d.html? (2006 elections) and http://wybory2010.pkw.gov.pl/geo/pl/000000.html

	Affiliation of the members of board of region determined on the basis of: National Electoral Commission website, Alberski et al. (2013), personal Wikipedia sites and local media websites	(2010 elections) Equivalent data in Excel format thanks to the courtesy of Mirosław Lech Bogdanowicz (mlb@kbw.gov.pl) Party composition of board of region The same as for variable Regional-municipal-alignment
City with county rights	Dummy variable that takes value 1 for municipalities with that status, 0 otherwise; City with county rights status detected by digit 0 in GT column	Ministry of Finance: http://www.archbip.mf.gov.pl/699.html
Population	Total population in accordance with actual place of residence	Central Statistical Office Local Data Bank: https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary
GDP per capita (subregional level)	GDP in current prices; Statistical standard ESA'95 Data broken down into 66 NUTS3 entities	Central Statistical Office Local Data Bank: https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary
Own revenues per capita	Own revenues including shares in PIT and CIT For population: see variable Population	Central Statistical Office Local Data Bank: https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary
Water supply (coverage in %)	Persons using systems in percent of total population; type of fittings: water supply system	Central Statistical Office Local Data Bank: https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary
Sewage (coverage in %)	Persons using systems in percent of total population; type of fittings: sewage system	Central Statistical Office Local Data Bank: https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary
EU-approval (in %)	Percentage of YES answers in EU accession referendum Referendum results broken down into municipalities	National Electoral Commission: http://referendum2003.pkw.gov.pl/arkusze/index.html

```
* Do-File with regressions on Banaszewska / Bischoff JBNST 2017
*  May, 2017
* data in memory

set more off

*#########################################################
* defining globals
global y_variable   ln_eu_funds_pc

* basic variables from original paper
global basic_var_1  r_m_al_gov n_m_al_gov r_c_al_gov m_swing_abs_diff i.year
global basic_var_3  r_m_al_gov                      m_swing_abs_diff i.year

* global for region-specific trends
global region_trend i.region#c.trend

*global for county-specific trends
global county_trend i.county#c.trend

*global for munici0al-specific trends
global municipal_trend i.code_counter#c.trend
```

```
*globals on mayors' affiliation
global mayor_party mayor_region_al m_mayor_left m_mayor_civic m_mayor_peas m_mayor_law
m_mayor_fam m_mayor_defense m_mayor_germans m_mayor_democrats



*#########################################################
log using "poland_regressions_RR_DID_20170206", replace

*=============================================================================
* FIXED EFFECTS MODELS (Table 4)

*#############################################################################
* full sample

* baseline specification
xtreg $y_variable $basic_var_1  $mayor_party  if year > 2006 & year < 2012, fe vce(cluster
county)
outreg2 using "...table_4_jbnst_may2017.xls", se replace

xtreg $y_variable $basic_var_3 $mayor_party  if year > 2006 & year < 2012, fe vce(cluster
county)
```

```
outreg2 using "...table_4_jbnst_may2017.xls", se append


**********************

* add region-specific trend + controls for regional gov.

xtreg $y_variable $basic_var_3  $mayor_party  $reg_gov_inc $region_trend if year > 2006 &
year < 2012, fe vce(cluster county)

outreg2 using "...table_4_jbnst_may2017.xls", se append


**********************

set matsize 4000

* replace region-specific trend by county-specific trend

xtreg $y_variable $basic_var_3 $mayor_party $reg_gov_inc $county_trend  if year > 2006 &
year < 2012, fe vce(cluster county)

outreg2 using "...table_4_jbnst_may2017.xls", se append


**********************

*use municipal-specific trend (instead of county/regional-specific)

xtreg $y_variable $basic_var_3 $mayor_party  $mayor_party $reg_gov_inc $municipal_trend if
year > 2006 & year < 2012 , fe vce(cluster county)

outreg2 using "...table_4_jbnst_may2017.xls", se append


*##############################################################################
```

```
* Restriction to municipalities run by local committee


xtreg $y_variable $basic_var_3 if year > 2006 & year < 2012 & mayor_nat_party == 0, fe
vce(cluster county)

outreg2 using "...table_4_jbnst_may2017.xls", se append


**********************

set matsize 4000

*municipal trend

xtreg $y_variable $basic_var_3  $reg_gov_inc $municipal_trend if year > 2006 & year < 2012
& mayor_nat_party == 0, fe vce(cluster county)

outreg2 using "...table_4_jbnst_may2017.xls", se append

log close

clear
```

```
*================================================================================
* RANDOM EFFECTS MODELS (Table 5)

* Data re-loaded to memory

* defining globals
global y_variable   ln_eu_funds_pc

* basic variables from original paper
global basic_var_1  r_m_al_gov n_m_al_gov r_c_al_gov m_swing_abs_diff y_2008 y_2009 y_2010
y_2011
global basic_var_3  r_m_al_gov                      m_swing_abs_diff y_2008 y_2009 y_2010
y_2011

* global for region-specific trends
global region_trend i.region#c.trend

* globals for regional government: involved parties in all governments where civic
platform and peasants party are also included + two coalitions where they are not included
global reg_gov_inc  r_gov_local_com_inc r_gov_fam_inc r_gov_law_inc r_gov_left_inc
r_gov_germans_inc r_gov_auton_inc r_gov_defense_inc r_coal_law_civic r_coal_peas_law_fam

* globals on mayors' affiliation
```

```
global mayor_party mayor_region_al m_mayor_left m_mayor_civic m_mayor_peas m_mayor_law
m_mayor_fam m_mayor_defense m_mayor_germans m_mayor_democrats


*global with random effects variables

global controls_ln city_with_county_rights   ln_pop_before   ln_gdp_pc_before
ln_rev_own_pc_before   water_supply_before   sewage_before  m_reff_eu_yes i.region



log using "...poland_regressions_RR_random_effects_20170206", replace

*================================================================

* descriptives and correlation matrix

sum $y_variable  r_m_al_gov n_m_al_gov r_c_al_gov m_swing_abs_diff
city_with_county_rights   ln_pop_before   ln_gdp_pc_before   ln_rev_own_pc_before
water_supply_before   sewage_before  m_reff_eu_yes  mayor_region_al  if year > 2006 & year
< 2012

corr $y_variable  r_m_al_gov n_m_al_gov r_c_al_gov m_swing_abs_diff
city_with_county_rights   ln_pop_before   ln_gdp_pc_before   ln_rev_own_pc_before
water_supply_before   sewage_before  m_reff_eu_yes mayor_region_al  if year > 2006 & year
< 2012


*================================================================================

* baseline models

xtreg $y_variable $basic_var_1  $mayor_party  $controls_ln $reg_gov_inc if year > 2006 &
year < 2012, re vce(cluster county)
```

```
outreg2 using "...table_5_jbnst_may2017.xls", se replace


xtreg $y_variable $basic_var_3 $mayor_party  $controls_ln $reg_gov_inc  if year > 2006 &
year < 2012, re vce(cluster county)

outreg2 using "...table_5_jbnst_may2017.xls", se append



**********************

* adding regional trend

xtreg $y_variable $basic_var_1 $region_trend $mayor_party $controls_ln $reg_gov_inc  if
year > 2006 & year < 2012, re vce(cluster county)

outreg2 using "...table_5_jbnst_may2017.xls", se append


xtreg $y_variable $basic_var_3 $region_trend $mayor_party  $controls_ln  $reg_gov_inc  if
year > 2006 & year < 2012, re vce(cluster county)

outreg2 using "...table_5_jbnst_may2017.xls", se append


log close
```