<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ln(EU funds per capita)</td>
<td>Expenditures with 4th paragraph digit 1, 5, 7 and 8 For population: see variable Population</td>
<td>Ministry of Finance: <a href="http://www.archbip.mf.gov.pl/699.html">http://www.archbip.mf.gov.pl/699.html</a></td>
</tr>
<tr>
<td>Regional-county-alignment</td>
<td>Dummy variable that takes value 1 if the party with the highest election result in a county sends</td>
<td>National election results</td>
</tr>
<tr>
<td></td>
<td>its representative(s) to board of region, 0 otherwise. Prepared on the basis of parliamentary</td>
<td>National Electoral Commission:</td>
</tr>
<tr>
<td></td>
<td>election results to the lower house of the parliament (Sejm) in 2005 and 2007; election results</td>
<td><a href="http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm">http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm</a> (2005 elections) and</td>
</tr>
<tr>
<td></td>
<td>Party composition of board of region: hand-collected data on the basis of regional councils</td>
<td>Equivalent data in Excel format thanks to the courtesy of Miroslaw Lech Bogdanowicz (<a href="mailto:mlb@kbw.gov.pl">mlb@kbw.gov.pl</a>)</td>
</tr>
<tr>
<td></td>
<td>resolutions, including variation within terms of office. Affiliation of the members of board of</td>
<td>Party composition of board of region</td>
</tr>
<tr>
<td></td>
<td>region determined on the basis of: National Electoral Commission website, Alberski et al. (2013),</td>
<td>A. Regional councils resolutions</td>
</tr>
<tr>
<td></td>
<td>personal Wikipedia sites and local media websites</td>
<td>1. Dolnośląskie region: <a href="http://bip.umwd.dolnyslask.pl/dokument,iddok,3055,idmp,164,r,r">http://bip.umwd.dolnyslask.pl/dokument,iddok,3055,idmp,164,r,r</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Lubuskie region: <a href="http://www.bip.lubuskie.pl/akty/20/typ/">http://www.bip.lubuskie.pl/akty/20/typ/</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. Łódzkie region: <a href="https://bip.lodzkie.pl/sejmik-wojewodztwa/uchwaly">https://bip.lodzkie.pl/sejmik-wojewodztwa/uchwaly</a></td>
</tr>
</tbody>
</table>
10. Podlaskie region:
http://bip.umwp.wrotapodlasia.pl/wojewodztwo/aktyprawne1/uchwaly_sej/uchw_sejmiku_od_2002_do_2007/ and
http://bip.umwp.wrotapodlasia.pl/wojewodztwo/aktyprawne1/uchwaly_sej/uchwaly_sejmiku_od_2008/
12. Śląskie region:
14. Warmińsko-mazurskie region:
16. Zachodniopomorskie region:
http://www.bip.wzp.pl/artykul/uchwaly-sejmiku-wojewodztwa-zachodniopomorskiego-0
B. National Electoral Commission website:
C. Alberski et al. (2013):
http://politologia.uni.wroc.pl/zspa/index.php/publikacje/5-publikacje/ksiazki/19-gra-o

<p>| 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 |</p>
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>alignment</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>National-municipal-alignment</td>
<td>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</td>
<td>National Electoral Commission: <a href="http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm">http://www.wybory2005.pkw.gov.pl/SJM/PL/WYN/M/index.htm</a> (2005 elections) and <a href="http://wybory2007.pkw.gov.pl/SJM/PL/WYN/W/index.htm">http://wybory2007.pkw.gov.pl/SJM/PL/WYN/W/index.htm</a> (2007 elections) Equivalent data in Excel format thanks to the courtesy of Mirosław Lech Bogdanowicz (<a href="mailto:mlb@kbw.gov.pl">mlb@kbw.gov.pl</a>)</td>
</tr>
<tr>
<td>Close-civic-law</td>
<td>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</td>
<td>The same as for variable National-municipal-alignment</td>
</tr>
<tr>
<td>Variable</td>
<td>Description</td>
<td>Data Source</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Affiliation of the members of board of region</td>
<td>Determined on the basis of: National Electoral Commission website, Alberski et al. (2013), personal Wikipedia sites and local media websites</td>
<td>(2010 elections) Equivalent data in Excel format thanks to the courtesy of Mirosław Lech Bogdanowicz (<a href="mailto:mlb@kbw.gov.pl">mlb@kbw.gov.pl</a>) Party composition of board of region The same as for variable Regional-municipal-alignment</td>
</tr>
<tr>
<td>City with county rights</td>
<td>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</td>
<td>Ministry of Finance: <a href="http://www.archbip.mf.gov.pl/699.html">http://www.archbip.mf.gov.pl/699.html</a></td>
</tr>
<tr>
<td>GDP per capita (subregional level)</td>
<td>GDP in current prices; Statistical standard ESA’95 Data broken down into 66 NUTS3 entities</td>
<td>Central Statistical Office Local Data Bank: <a href="https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary">https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary</a></td>
</tr>
<tr>
<td>Own revenues per capita</td>
<td>Own revenues including shares in PIT and CIT For population: see variable Population</td>
<td>Central Statistical Office Local Data Bank: <a href="https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary">https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary</a></td>
</tr>
<tr>
<td>Water supply (coverage in %)</td>
<td>Persons using systems in percent of total population; type of fittings: water supply system</td>
<td>Central Statistical Office Local Data Bank: <a href="https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary">https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary</a></td>
</tr>
<tr>
<td>Sewage (coverage in %)</td>
<td>Persons using systems in percent of total population; type of fittings: sewage system</td>
<td>Central Statistical Office Local Data Bank: <a href="https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary">https://bdl.stat.gov.pl/BDL/dane/podgrup/wymiary</a></td>
</tr>
</tbody>
</table>
* 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 municioal-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_mayordefense m_mayor_germans m_mayor_democrats

global with random effects variables

log using "...poland_regressions_RR_random_effects_20170206", replace

* 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