

Data Codebook

Foreign Aid and Undeserved Credit Claiming

Cesi Cruz and Christina Schneider

The codebook provides a description of the variables used for replication of all estimations in the article “Foreign Aid and Undeserved Credit Claiming.” There are four relevant data files that relate to the main analysis and the analysis of the credit-claiming activities:

1. Main Dataset (ajps_data.dta, ajps_rdd_data.dta)
2. Credit-claiming activities dataset (ajps_visits_data.dta)

This document provides a codebook for each of these datasets. Each codebook table provides information on (1) the variable name, (2) the variable type, (3) the value labels for the variable, (4) the description of the variable, and (5) the source citation of the variable. A full bibliography for all sources can be found below each table, by citation.

Codebook for Main Datasets (ajps_data.dta, ajps_rdd_data.dta)

| Variable Name | Type | Value Labels | Description | Source |
|----------------|---------|-------------------------------------|---|---|
| prov_geocode | Numeric | | Philippine Standard Geographic Code of Province | PSA (2014) |
| provincename | String | | Name of Province | PSA (2014) |
| municipityname | String | | Name of Municipality or City | PSA (2014) |
| rel_07 | Numeric | 1=Yes; 2=No | Incumbent Mayor or Relative Elected in 2007 | COMELEC (1995-2007a) |
| kc_phase1 | Numeric | 1=Beneficiary; 0=Non-beneficiary | KALAHY-CIDSS Project Beneficiary Status of the municipality | World Bank (2014) |
| term3_04 | Numeric | 1=Yes; 2=No | Mayor was on his/her third term in 2004 | COMELEC (1995-2007a) |
| contenders_07 | Numeric | | Number of Candidates in the 2007 Elections | COMELEC (1995-2007a) |
| dynasty_04 | Numeric | 1=Yes; 2=No | Incumbent Mayor is Member of a Political Dynasty | Coded using information from COMELEC (1995-2007a,b) |
| poverty_nscb | Numeric | | Poverty Incidence in the Municipality | PSA (2000-2007) |

| | | | | |
|--------------------|---------|---------------------------------|---|---|
| log_pop | Numeric | | Population of Municipality (log) | PSA (2004) |
| urban | Numeric | 1=Urban; 2=Rural | Urbanization Status of Municipality | PSA (2004) |
| tax_growth_avg_3yr | Numeric | | Tax revenue growth, 3 year average | PDF (2000) |
| clan_04 | Numeric | 1=Yes; 2=No | Incumbent Mayor is a Member of a Political Clan | Coded using information from COMELEC (1995-2007a,b) |
| clan_total_04 | Numeric | | Clan Mayors 1998-2004 | Coded using information from COMELEC (1995-2007a,b) |
| clan_total | Numeric | | | |
| kc_funding_pct | Numeric | | KALAHY-CIDSS Project funding as a percentage of income | Calculated using data from World Bank (2014) and PDF (2000) |
| natl_party_inc | Numeric | 1=Yes; 2=No | Incumbent Mayor is Affiliated with a National Party | COMELEC (1995-2007b) |
| total_grant_pct | Numeric | | Total Grants Received (% Income) | PDF (2000) |
| term2_04 | Numeric | 1=Yes; 2=No | Incumbent Mayor on his/her second term in 2004 | COMELEC (1995-2007a,b) |
| no_funds_2007 | Numeric | 1=No funding; 0=With Funding | Funding Disbursement Status Prior to 2007 | World Bank (2014) |
| no_funds_2007_adj | Numeric | 1=No funding; 0=With Funding | Funding Disbursement Status Prior to 2007 (correcting possible discrepancies by checking against project documents) | Coded using project documents from the World Bank (2014) |
| prov_avg_first | Numeric | | Average first year of disbursement among all municipalities in the province | World Bank (2014) |
| kalahi_rank | Numeric | | Rank of Municipality in the KALAHY-CIDSS Project | World Bank (2014) |
| first_year | Numeric | | First Year the Funding was Received | World Bank (2014) |
| last_year | Numeric | | Last Year the Funding was Received | World Bank (2014) |
| log_land_area | Numeric | | Land Area of Municipality (log) | PSA (2014) |
| log_total_exp_avg | Numeric | | Total Expenditure of Municipality (log) | PDF (2000) |
| pg_expenditure | Numeric | | Expenditure on public goods | PDF (2000) |

| | | | | |
|-----------------|---------|----------------|---|---|
| tg_expenditure | Numeric | | Expenditure on targeted goods | PDF (2000) |
| uncontested_07 | Numeric | 1=Yes; 2=No | Incumbent Mayor Ran Uncontested in 2007 | COMELEC (1995-2007b) |
| contenders_mean | Numeric | | Average Number of candidates | COMELEC (1995-2007b) |
| pov_inc2000 | Numeric | | Poverty Incidence of the Municipality in 2000 | PSA (2000-2007) |
| pov_inc2003 | Numeric | | Poverty Incidence of the Municipality in 2003 | PSA (2000-2007) |
| log_pop_00 | Numeric | | Population of the Municipality in 2000 (log) | PSA (2000-2007) |
| log_pop_04 | Numeric | | Population of the Municipality in 2004 (log) | PSA (2000) |
| poverty_squared | Numeric | | Poverty Incidence Squared | PSA (2000-2007) |
| poverty_log | Numeric | | Log Poverty | PSA (2000-2007) |
| rel_98 | Numeric | 1=Yes; 2=No | Incumbent Mayor or Relative was Elected in 1998 | Coded using information from COMELEC (1995-2007a,b) |
| term_95 | Numeric | | Number of Terms in Office in 1995 | COMELEC (1995-2007a,b) |
| clan_95 | Numeric | 1=Yes; 2=No | Mayor in 1995 was a Member of a Political Clan | Coded using information from COMELEC (1995-2007a,b) |
| rel_01 | Numeric | 1=Yes; 2=No | Incumbent Mayor or Relative was Elected in 2001 | COMELEC (1995-2007a,b) |
| term3_98 | Numeric | 1=Yes; 2=No | Mayor was on Third Term in 1998 | COMELEC (1995-2007a,b) |
| clan_98 | Numeric | 1=Yes; 2=No | Mayor in 1998 was a Member of a Political Clan | Coded using information from COMELEC (1995-2007a,b) |
| provs1 | Numeric | | Name of Province is Abra | |
| provs2 | Numeric | | Name of Province is Agusan Del Norte | |
| provs3 | Numeric | | Name of Province is Agusan Del Sur | |
| provs4 | Numeric | | Name of Province is Albay | |
| provs5 | Numeric | | Name of Province is Biliran | |
| provs6 | Numeric | | Name of Province is Bohol | |
| provs7 | Numeric | | Name of Province is Camarines Norte | |
| provs8 | Numeric | | Name of Province is Camarines Sur | |
| provs9 | Numeric | | Name of Province is Camiguin | |
| provs10 | Numeric | | Name of Province is Capiz | |

| | | |
|---------|---------|---|
| provs11 | Numeric | Name of Province is Catanduanes |
| provs12 | Numeric | Name of Province is Compostela Valley |
| provs13 | Numeric | Name of Province is Davao Del Norte |
| provs14 | Numeric | Name of Province is Davao Oriental |
| provs15 | Numeric | Name of Province is Eastern Samar |
| provs16 | Numeric | Name of Province is Ifugao |
| provs17 | Numeric | Name of Province is Iloilo |
| provs18 | Numeric | Name of Province is Lanao Del Norte |
| provs19 | Numeric | Name of Province is Leyte |
| provs20 | Numeric | Name of Province is Marinduque |
| provs21 | Numeric | Name of Province is Masbate |
| provs22 | Numeric | Name of Province is Misamis Occidental |
| provs23 | Numeric | Name of Province is Mountain Province |
| provs24 | Numeric | Name of Province is Negros Occidental |
| provs25 | Numeric | Name of Province is North Cotabato |
| provs26 | Numeric | Name of Province is Northern Samar |
| provs27 | Numeric | Name of Province is Occidental Mindoro |
| provs29 | Numeric | Name of Province is Quezon |
| provs30 | Numeric | Name of Province is Romblon |
| provs31 | Numeric | Name of Province is Samar |
| provs32 | Numeric | Name of Province is Sarangani Province |
| provs33 | Numeric | Name of Province is Siquijor |
| provs34 | Numeric | Name of Province is Sorsogon |
| provs35 | Numeric | Name of Province is South Cotabato |
| provs36 | Numeric | Name of Province is Sultan Kudarat |
| provs37 | Numeric | Name of Province is Surigao Del Norte |
| provs38 | Numeric | Name of Province is Surigao Del Sur |
| provs39 | Numeric | Name of Province is Zamboanga Del Norte |
| provs40 | Numeric | Name of Province is Zamboanga Del Sur |
| provs41 | Numeric | Name of Province is Zamboanga Sibugay |
| provs40 | Numeric | Name of Province is Zamboanga Del Sur |

Additional Variables used in the regression discontinuity analysis (ajps_rdd_data.dta)

| | | | | |
|---------------------|---------|-------------------------------------|---|----------------------|
| provincename | String | | Name of Province | PSA (2014) |
| prov_geocode | Numeric | | Philippine Standard Geographic Code of Province | PSA (2014) |
| municipityname | String | | Name of Municipality or City | PSA (2014) |
| first_year | Numeric | | First Year the Funding was Received | World Bank (2014) |
| last_year | Numeric | | Last Year the Funding was Received | World Bank (2014) |
| kc_project_07 | Numeric | | Municipality is Kalahi participant in 2007 | World Bank (2014) |
| poverty_nscb | Numeric | | Poverty Incidence in the Municipality | PSA (2000-2007) |
| winmargin_07 | Numeric | | Margin of victory in 2007 elections | COMELEC (1995-2007a) |
| urban | Numeric | 1=Urban; 2=Rural | Urbanization Status of Municipality | PSA (2004) |
| kalahi_rank | Numeric | | Rank of Municipality in the KALAH-CIDSS Project | World Bank (2014) |
| kc_phase1 | Numeric | 1=Beneficiary; 0=Non-beneficiary | KALAH-CIDSS Project Beneficiary Status of the municipality | World Bank (2014) |
| kc_cutoff | Numeric | | Threshold for Kalahi participation (for regression discontinuity) | World Bank (2015) |
| term3_04 | Numeric | 1=Yes; 2=No | Mayor was on his/her third term in 2004 | COMELEC (1995-2007a) |
| genpubserv_pct_2007 | Numeric | | Percent of municipal budget spent on general public services | PDF (2000) |
| edu_pct_2007 | Numeric | | Percent of municipal budget spent on education | PDF (2000) |
| health_pct_2007 | Numeric | | Percent of municipal budget spent on general public services | PDF (2000) |
| socialsec_pct_2007 | Numeric | | Percent of municipal budget spent on general public services | PDF (2000) |
| prov_avg_first | Numeric | | Average first year of disbursement among all municipalities in the province | World Bank (2014) |

| | | | | |
|--------------------|---------|----------------|---|---|
| dynasty_04 | Numeric | 1=Yes; 2=No | Incumbent Mayor is Member of a Political Dynasty | Coded using information from COMELEC (1995-2007a,b) |
| rel_07 | Numeric | 1=Yes; 2=No | Incumbent Mayor or Relative Elected in 2007 | COMELEC (1995-2007a) |
| natl_party_inc | Numeric | 1=Yes; 2=No | Incumbent Mayor is Affiliated with a National Party | COMELEC (1995-2007b) |
| tax_growth_avg_3yr | Numeric | | Tax revenue growth, 3 year average | PDF (2000) |
| no_funds_2007 | Numeric | | No KALAHÍ funding disbursed prior to 2007 | World Bank (2014) |
| no_funds_2007_adj | Numeric | | No KALAHÍ funding disbursed prior to 2007 (alternate source--hand coded from project documents) | World Bank (2014) |

References:

World Bank. 2014. *Philippines - Kapitbisig Laban sa Kahirapan-Comprehensive and Integrated Delivery of Social Services (KALAHÍ-CIDSS) Project*. Washington, DC: World Bank Group.
<http://www.projects.worldbank.org/P077012/kapitbisig-laban-sa-kahirapan-comprehensive-integrated-delivery-social-services-kalahi-cidss-project?lang=en&tab=documents&subTab=projectDocuments>, last accessed: October 2016

Project descriptions, disbursement information, and procurement documents are available either online by request from Projects and Operations (Project ID: P077012) <http://www.projects.worldbank.org/P077012/kapitbisig-laban-sa-kahirapan-comprehensive-integrated-delivery-social-services-kalahi-cidss-project?lang=en&tab=documents&subTab=projectDocuments> , last accessed: October 2016

Republic of the Philippines Commission on Elections (COMELEC). 1995-2007a. Philippine Municipal Election Results. Manila, Philippines: COMELEC. <http://www.comelec.gov.ph> , last accessed: October 2016

Election results for 2000, 2004, 2007, and 2010 are available by request from the COMELEC data division, with permission from the Office of the Chairman. Election results for 1995 are available from COMELEC's archives. The most recent election results are available online at <https://www.pilipinaselectionresults2016.com>

Republic of the Philippines Commission on Elections (COMELEC). 1995-2007b. List of Candidates. Manila, Philippines: COMELEC. <http://www.comelec.gov.ph>, last accessed: October 2016.

List of candidates for 2004 and 2007 are available by request from the COMELEC data division, as paper records or scanned PDFs, with permission from the Office of the Chairman. The most recent list of candidates are available online at <https://www.pilipinaselectionresults2016.com>

Philippine Statistics Authority (PSA). 2004. *2000 Census of Population and Housing*. Manila, Philippines: National Statistics Office

Philippine Statistics Authority (PSA). 2014. *Philippine Standard Geographic Codes*. Manila: Republic of the Philippines, National Statistics Office. <http://nap.psa.gov.ph/activestats/psgc>, current version updated for 2016, first accessed for the project in June 2014.

Philippine Statistics Authority (PSA). 2000-2007. *Official Poverty Statistics of the Philippines*. Makati City, Philippines: National Statistical Coordination Board.

Philippine Department of Finance (PDF). 2000. Local Government Unit Fiscal Data for All Municipalities by Region. Manila, Philippines: Bureau of Local Government Finance (BLGF). <http://blgf.gov.ph/lgu-fiscal-data/>, last accessed: October 2016.

Codebook for credit-claiming activities dataset (ajps_visits_data.dta)

| Variable Name | Type | Value Labels | Description | Source |
|----------------------|-------------|-------------------------------------|---|-------------------|
| treat | Numeric | 1=Beneficiary; 0=Non-beneficiary | KALAHI-CIDSS Project Beneficiary Status of the municipality | World Bank (2009) |
| visits_mayor | Numeric | | Number of mayor visits | World Bank (2009) |
| visits_midwife | Numeric | | Number of midwife visits | World Bank (2009) |
| road_dirt_pct | Numeric | | Estimated percentage of unpaved roads | World Bank (2009) |

| | | | | |
|----------------------|---------|--------------------|---|-------------------|
| bar_meetings | Numeric | | Number of meetings held in the barangay | World Bank (2009) |
| log_num_households | Numeric | | Number of households (log) | World Bank (2009) |
| poor | Numeric | | Poverty measure | World Bank (2009) |
| log_ira | Numeric | | Internal revenue allotment (log) | World Bank (2009) |
| muni_funds | Numeric | 0 = No; 1 = Yes | Received funding from the municipality | World Bank (2009) |
| first_province_dummy | Numeric | | Province == Albay | World Bank (2009) |
| provis2 | Numeric | | Province == Capiz | World Bank (2009) |
| provis3 | Numeric | | Province == Zamboanga del Sur | World Bank (2009) |
| provis4 | Numeric | | Province == Agusan del Sur | World Bank (2009) |

****Note:** The variable descriptions in our codebook refer to the variables we use in the credit-claiming activities dataset. The credit-claiming activities data set is based on the (a) household survey data from World Bank KALAH I evaluation (panelhh_2006), and (b) village survey data from World Bank KALAH I evaluation (panelbar_2006). Stata do files to process the World Bank survey data and generate the variables used for this dataset are included in the replication materials. Documentation on the full data sets is provided by World Bank (2009). **

World Bank. 2009. *Kapitbisig Laban sa Kahirapan-Comprehensive and Integrated Delivery of Social Services (KALAH I-CIDSS) Impact Evaluation Survey, 2006*. Washington, DC: World Bank Group.

Full dataset and codebook are available by request from Projects and Operations (Project ID: P077012)
http://microdata.worldbank.org/index.php/catalog/1542/data_dictionary , last accessed: October 2016.