Codebook for
Electoral Turnover and Government Efficiency: Evidence from Federal Procurement

1 main_final.dta

preidctit.dta, bunching.dta, contract_sap.dta have the same list of variables listed below.

- **contract_transaction_unique_key**: unique identifier for each contract transaction
- **contract_award_unique_key**: unique identifier for each contract award
- **competition**: binary indicator of whether the contract is awarded through competitive procedures
- **inc_lose**: estimated future congressional turnover proability
- **gap**: relative inefficiency of president-connected firms at the industry×Congress session level
- **ratio**: proportion of president-connected firms at the industry×Congress session level
- **awarding_sub_agency_code**: unique identifier for the sub-agency that awarded the contract
- **product_or_service_code**: unique identifier for the product or service code
- **year**: year in which the contract is awarded
- **yr_month**: year×month in which the contract is awarded
- **action_date**: date on which the contract is awarded
- **ln_amount**: logged initial contract amount
- **price**: binary indicator of whther the contract is fixed cost and awarded through competitive procedures
- **ideo_clinton**: agencies' ideological score
- **placebo**: bindary indicator of whether the contract is awarded during 2013-2014
- **delivery**: binary indicator of whether the contract is indefinite delivery

- **agency_politicized**: level of sub-agency politicization
- **ln_oppose_firm**: logged number of firms connected to the opposition party at the industry×Congress session level
- **ln_connected**: logged number of politically active firms at the industry×Congress session level
- **dwnom1**: DW-Nominate first dimension score of legislators
- **appr_ways_comm**: binary indicator of whether the House representative of the district where the contract is performedd is a member of the Appropriations, or Ways and Means committees
- **seniority**: seniority of the House representative of the district where the contract is performed
- **majority_memb**: binary indicator of whether the House representative of the district where the contract is performed is the majority party member
- **female**: binary indicator of whether the House representative of the district where the contract is performed is female
- **black**: binary indicator of whether the House representative of the district where the contract is performed is black
- **latino**: binary indicator of whether the House representative of the district where the contract is performed is Latino
- **veteran_owned**: binary indicator of whether the recipient firms is veteran-owned
- **small_owned**: binary indicator of whether the recipient firms is small in size
- **minority_owned**: binary indicator of whether the recipient firms is minority-ownedd
- **c8a**: binary indicator of whether the recipient firms is a c8(a) program participant
- **his_underutilized**: binary indicator of whether the contract is awarded to a historically underutillilzed region
- **battle_next**: binary indicator of whether the contract is awarded to a battleground state in the next presidential election

- **battle_prev**: binary indicator of whether the contract is awarded to a battleground state in the previous presidential election
- **chair_appro_h**: binary indicator of whether the House representative of the district where the contract is performed is the chair of the Appropriations committee
- **chair_appro_s**: binary indicator of whether the Senator where the contract is performed is the chair of the Appropriations committee
- **trend_fiscal**: linear fiscal year trend
- **check2**: binary indicator of whether the contract is awarded through competitive procedures and had a single bidder
- **inc_lose_lead10**, **inc_lose_lead20**, **inc_lose_lead30**: **inc_lose_lead40**: Lead estimated future congressional turnover proability by 10 days, 20 days, 30 days, 40 days, repectively
- **inc_lose_lag40**, **inc_lose_lag30**, **inc_lose_lag20**: **inc_lose_lag10**: Lagged estimated future congressional turnover proability by 10 days, 20 days, 30 days, 40 days, repectively
- **trend_lame**: Days left until the end of each year
- **above50_num**: number of firms who contributed more than 50% of their campaign donations to the Republican party
- **below50_num**: number of firms who contributed less than 50% of their campaign donations to the Republican party
- **inc80_num**, **inc70_num**, **inc90_num**: number firms who contributed more than 80%, 70%, and 90% of their campaign donations to the incumbent President's party
- **gap_50**, **gap_70**, **gap_80**, **gap_90**: relative efficiency of president-connected firms based on 50%, 70%, and 90% threshold
- **gap_median**: relative efficiency of president-connected firms using median efficiency scores
- **inc**: Whether the winning firm has contributed more thann 50% of its campaign contributions to the incumbent president's party in the previous election.

2 agency_*.dta

- **agency_politicized**: sub-agency politicization using the OPM data in March
- **agency_politicized_june**: sub-agency politicization using the OPM data in June
- **agency_politicized_sep**: sub-agency politicization using the OPM data in September
- **agency_politicized_dec**: sub-agency politicization using the OPM data in December

3 aggr.dta

The list of variables is the same as main_final.dta except for the following two variables:

- **ln_freq_nocomp**: logged number of contracts awarded non-competitively at the industry$\times$ Congress session level
- **ln_freq_comp**: logged number of contracts awarded competitively at the industry$\times$Congress session level

4 pac_02_18_duns.dta

- **PACID**: firm PAC ID that can be linked to opensecret data
- **amount_dem***: amount of campaign contributions to the Democratic Party during the election cycle *
- **amount_rep***: amount of campaign contributions to the Republican Party during the election cycle *
- **desc_***: list of product or service codes that firms won at least one federal contract in year *
- **duns_match**: matched firm DUNS identifier from procurement data
- **duplicate**: number of unique DUNS identifiers in addition to the one in 'duns_match'
- **duplicate_duns**: list of DUNS identifiers if duplicate>0
- **gvkey_match**: matched gvkey identifier from Compustat data
- **name**: firm name in opensecret data

- **name_comp**: firm name in Compustat data
- **name_match**: firm name in procurement data

5 firm_tfp.dta

- **age**: age of firms
- **capital2_deflate**: lagged capital stock
- **emp**: number of employees
- **fyear**: fiscal year
- **gvkey**: firm's gvkey identifier
- **invest2_deflate**: lagged deflated investments
- **mat_deflate**: intermediate materials deflated by GDP deflators
- **sale_deflate**: real sales deflated by GDP deflators
- **omega_hat**: estimated total factor productivity score